



# Human RNF213 blocking peptide (CDBP2549)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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| <b>Product Overview</b>    | Blocking/Immunizing peptide for anti-RNF213/C17orf27 (C Terminus) antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Antigen Description</b> | This gene encodes a protein containing a C3HC4-type RING finger domain, which is a specialized type of Zn-finger that binds two atoms of zinc and is thought to be involved in mediating protein-protein interactions. The protein also contains an AAA domain, which is associated with ATPase activity. This gene is a susceptibility gene for Moyamoya disease, a vascular disorder of intracranial arteries. This gene is also a translocation partner in anaplastic large cell lymphoma and inflammatory myofibroblastic tumor cases, where a t(2;17)(p23;q25) translocation has been identified with the anaplastic lymphoma kinase (ALK) gene on chromosome 2, and a t(8;17)(q24;q25) translocation has been identified with the MYC gene on chromosome 8. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2011] |
| <b>Species</b>             | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Conjugate</b>           | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Applications</b>        | Apuri, BL, ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Format</b>              | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Size</b>                | 100 µg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Preservative</b>        | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Storage</b>             | Shipped at ambient temperature, store at -20°C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## GENE INFORMATION

Gene Name [RNF213 ring finger protein 213 \[ Homo sapiens \]](#)

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| <b>Official Symbol</b>     | RNF213                                                                                                                                                                                                                                                                                                                                       |
| <b>Synonyms</b>            | RNF213; ring finger protein 213; C17orf27, chromosome 17 open reading frame 27 , KIAA1618 , moyamoya disease 2 , Moyamoya disease 2 , MYMY2; RING finger protein 213; KIAA1554; NET57; mysterin; ALK lymphoma oligomerization partner on chromosome 17; ALO17; MYMY2; MYSTR; C17orf27; KIAA1618; MGC9929; FLJ13051; MGC46622; DKFZp762N1115; |
| <b>Entrez Gene ID</b>      | <a href="#">57674</a>                                                                                                                                                                                                                                                                                                                        |
| <b>mRNA Refseq</b>         | <a href="#">NM_001256071</a>                                                                                                                                                                                                                                                                                                                 |
| <b>Protein Refseq</b>      | <a href="#">NP_001243000</a>                                                                                                                                                                                                                                                                                                                 |
| <b>UniProt ID</b>          | Q63HN8                                                                                                                                                                                                                                                                                                                                       |
| <b>Chromosome Location</b> | 17q25.3                                                                                                                                                                                                                                                                                                                                      |
| <b>Function</b>            | ATPase activity; metal ion binding; nucleotide binding; ubiquitin-protein ligase activity; zinc ion binding;                                                                                                                                                                                                                                 |