



# Human APOBEC2 blocking peptide (CDBP0435)

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

## PRODUCT INFORMATION

|                            |                                                                                                                                                                                                                                                                                                                       |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>    | Blocking/Immunizing peptide for anti-APOBEC2 (aa12 - 26) antibody                                                                                                                                                                                                                                                     |
| <b>Antigen Description</b> | APOBEC2 (apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 2) is a protein-coding gene. Diseases associated with APOBEC2 include tonsillitis, and thyroiditis. GO annotations related to this gene include cytidine deaminase activity and RNA binding. An important paralog of this gene is APOBEC3G. |
| <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

|                        |                                                                                                             |
|------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">APOBEC2 apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 2 [ Homo sapiens ]</a> |
| <b>Official Symbol</b> | APOBEC2                                                                                                     |
| <b>Synonyms</b>        | APOBEC2; apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 2; probable C-                    |

>U-editing enzyme APOBEC-2; ARCD1; ARP1; probable C-> U-editing enzyme APOBEC-2;  
apolipoprotein B mRNA editing enzyme, catalytic polypeptide 2;

|                     |                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------------|
| Entrez Gene ID      | <a href="#">10930</a>                                                                              |
| mRNA Refseq         | <a href="#">NM_006789</a>                                                                          |
| Protein Refseq      | <a href="#">NP_006780</a>                                                                          |
| UniProt ID          | Q9Y235                                                                                             |
| Chromosome Location | 6p21                                                                                               |
| Function            | RNA binding; cytidine deaminase activity; hydrolase activity; metal ion binding; zinc ion binding; |