



Human MPP5 blocking peptide (CDBP2188)

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

PRODUCT INFORMATION

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| Product Overview | Blocking/Immunizing peptide for anti-PALS/MPP5 antibody |
| Antigen Description | This gene encodes a member of the p55-like subfamily of the membrane-associated guanylate kinase (MAGUK) gene superfamily. The encoded protein participates in the polarization of differentiating cells, has been shown to regulate myelinating Schwann cells (PMID: 20237282), and is one of the components of the Crumbs complex in the retina. Mice which express lower levels of the orthologous protein have retinal degeneration and impaired vision (PMID: 22114289). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2012] |
| Species | Human |
| Conjugate | Unconjugated |
| Applications | Apuri, BL, ELISA |
| Format | Lyophilized powder |
| Size | 100 µg |
| Preservative | None |
| Storage | Shipped at ambient temperature, store at -20°C. |

GENE INFORMATION

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| Gene Name | MPP5 membrane protein, palmitoylated 5 (MAGUK p55 subfamily member 5) [Homo sapiens] |
| Official Symbol | MPP5 |
| Synonyms | MPP5; membrane protein, palmitoylated 5 (MAGUK p55 subfamily member 5); MAGUK p55 |

subfamily member 5; FLJ12615; PALS1; stardust; protein associated with lin seven 1;

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| Entrez Gene ID | 64398 |
| mRNA Refseq | NM_001256550 |
| Protein Refseq | NP_001243479 |
| UniProt ID | Q8N3R9 |
| Chromosome Location | 14q23.3 |
| Pathway | Cell junction organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Cell-cell junction organization, organism-specific biosystem; Tight junction, organism-specific biosystem; Tight junction, conserved biosystem; Tight junction interactions, organism-specific biosystem; |
| Function | protein binding; protein domain specific binding; |