



Anti-APLP1 monoclonal antibody (DCABH-10548)

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

PRODUCT INFORMATION

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| Antigen Description | This gene encodes a member of the highly conserved amyloid precursor protein gene family. The encoded protein is a membrane-associated glycoprotein that is cleaved by secretases in a manner similar to amyloid beta A4 precursor protein cleavage. This cleavage liberates an intracellular cytoplasmic fragment that may act as a transcriptional activator. The encoded protein may also play a role in synaptic maturation during cortical development. Alternatively spliced transcript variants encoding different isoforms have been described. |
| Immunogen | A synthetic peptide of human APLP1 is used for rabbit immunization. |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human |
| Purification | Protein A |
| Conjugate | Unconjugated |
| Applications | Western Blot (Transfected lysate); ELISA |
| Buffer | In 1x PBS, pH 7.4 |
| Preservative | None |
| Storage | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

GENE INFORMATION

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| Gene Name | APLP1 amyloid beta (A4) precursor-like protein 1 [Homo sapiens] |
| Official Symbol | APLP1 |
| Synonyms | APLP1; amyloid beta (A4) precursor-like protein 1; amyloid-like protein 1; amyloid precursor like protein 1; amyloid like protein 1; APLP; APLP-1; amyloid precursor-like protein 1; |
| Entrez Gene ID | 333 |
| Protein Refseq | NP_001019978 |
| UniProt ID | P51693 |
| Chromosome Location | 19q |
| Function | alpha-2A adrenergic receptor binding; alpha-2B adrenergic receptor binding; alpha-2C adrenergic receptor binding; heparin binding; identical protein binding; protein binding; transition metal ion binding; |