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# APBB2 Rabbit pAb

Catalog # AP99619

## Product Information

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| **Application** | WB, IHC-P, IHC-F, IF |
| **Primary Accession** | Q92870 |
| **Other Accession** | Q92870 |
| **Predicted** | Rat, Pig, Human, Mouse, Rabbit, Dog, Horse |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 83374 |
| **Physical State** | Liquid |
| **Immunogen** | KLH conjugated synthetic peptide derived from human APBB2 |
| **Epitope Specificity** | 251-350/758 |
| **Isotype** | IgG |
| **Purity** | affinity purified by Protein A |
| **Buffer** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| **SIMILARITY** | Contains 2 PID domains. Contains 1 WW domain. |
| **SUBUNIT** | Binds to the intracellular domain of the beta-amyloid precursor protein. |
| **Important Note** | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| **Background Descriptions** | The protein encoded by this gene interacts with the cytoplasmic domains of amyloid beta (A4) precursor protein and amyloid beta (A4) precursor-like protein 2. This protein contains two phosphotyrosine binding (PTB) domains, which are thought to function in signal transduction. Polymorphisms in this gene have been associated with Alzheimer's disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009] |

## Additional Information

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| **Gene ID** | 323 |
| **Other Names** | FE65L; FE65L1; 2310007D03Rik; Rirl1; TR2L; Zfra; APBB2_HUMAN; APBB2; Amyloid-beta (A4) precursor protein-binding family B member 2; Protein Fe65-like 1; APBB2_MOUSE; amyloid beta precursor protein binding family B member 2; amyloid beta (A4) precursor protein-binding, family B, member 2; Fe65-like |
| **Dilution** | WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500 |
| **Storage** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

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| **Name** | APBB2 ( HGNC:582) |
| **Function** | Plays a role in the maintenance of lens transparency, and may also play a role in muscle cell strength (By similarity). Involved in hippocampal neurite branching and neuromuscular junction formation, as a result plays a role in spatial memory functioning (By similarity). Activates transcription of APP (PubMed:14527950). |
| **Cellular Location** | Endoplasmic reticulum. Golgi apparatus. Early endosome |
| **Tissue Location** | Widely expressed.. |

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