APBB1 Rabbit Polyclonal Antibody

CAB1944

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

63kDa

Calculated MW:

49kDa/52kDa/53kDa/54kDa/
76kDa/77kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:
WB 1:50 - 1:200 IHC 1:50 - 1:200 IF 1:50 - 1:200

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein Background

The protein encoded by this gene is a member of the Fe65 protein family. It is an adaptor protein localized in the nucleus. It interacts with the Alzheimer's disease amyloid precursor protein (APP), transcription factor CP2/LSF/LBP1 and the low-density lipoprotein receptor-related protein. APP functions as a cytosolic anchoring site that can prevent the gene product's nuclear translocation. This encoded protein could play an important role in the pathogenesis of Alzheimer's disease. It is thought to regulate transcription. Also it is observed to block cell cycle progression by downregulating thymidylate synthase expression. Multiple alternatively spliced transcript variants encoding different isoforms have been described for this gene.

Immunogen information

Gene ID:
322

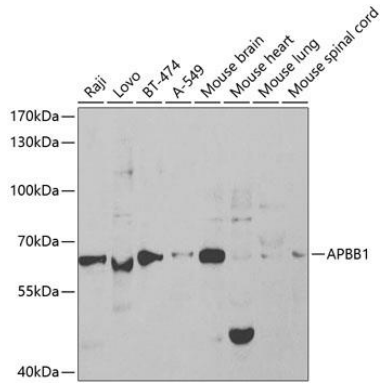
Uniprot
O00213

Synonyms:
APBB1; FE65; MGC:9072; RIR

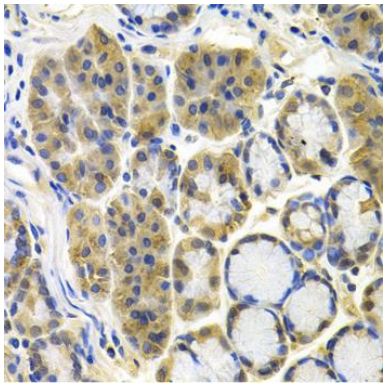
Immunogen:
Recombinant fusion protein containing a sequence corresponding to amino acids 359-708 of human APBB1 (NP_663722.1).

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

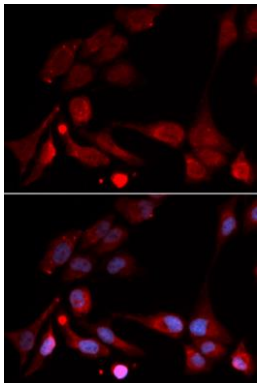
Product Images



Western blot analysis of extracts of various cell lines, using APBB1 antibody (CAB1944) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunohistochemistry of paraffin-embedded human colon carcinoma using APBB1 antibody (CAB1944) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of U2OS cells using APBB1 antibody (CAB1944). Blue: DAPI for nuclear staining.

