
APBB3 Rabbit pAb

Catalog Number: bs-11637R

Target Protein: APBB3

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Mouse, Rat (predicted:Human, Sheep, Cow, Dog)

Predicted MW: 52 kDa

Entrez Gene: 10307

Swiss Prot: O95704

Source: KLH conjugated synthetic peptide derived from human APBB3: 401-486/486.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

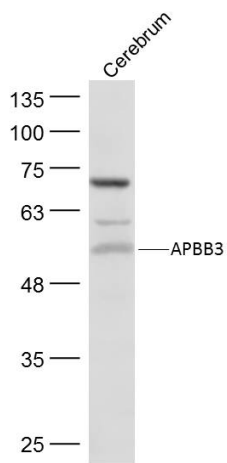
Background: Fe65L2 is a 486 amino acid protein that contains one WW domain and two PID domains.

Binding to the intracellular domain of the β -Amyloid precursor protein, Fe65L2 is thought to modulate the internalization and, therefore, the accessibility and function of β -Amyloid.

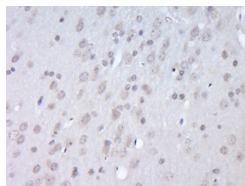
Via its ability to control the intracellular accumulation of β -Amyloid, Fe65L2 is thought to play a role in the pathogenesis of Alzheimer's disease. Fe65L2 exists as four alternatively spliced isoforms designated isoform I, isoform II, isoform III and isoform IV. Fe65L2 interacts with Amyloid-like protein and is encoded by a gene located on human chromosome 5, which contains 181 million base pairs and comprises nearly 6% of the human genome.

Deletion of the p arm of chromosome 5 leads to Cri du chat syndrome, while deletion of the q arm or of chromosome 5 altogether is common in therapy-related acute myelogenous leukemias and myelodysplastic syndrome.

VALIDATION IMAGES



Sample: Cerebrum (Mouse) Lysate at 40 ug Primary: Anti- APBB3 (bs-11637R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 52 kD Observed band size: 52 kD



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (APBB3) Polyclonal Antibody, Unconjugated (bs-11637R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.