

Rat Amyloid Beta Precursor Protein Binding Protein B3 (APBB3) ELISA Kit | APBB3 elisa kit

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CATALOG # AAA67771	REACTIVITY Rat
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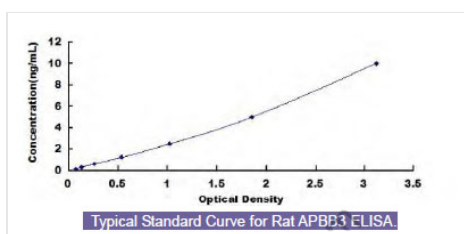
PRODUCT SYNONYMS

Amyloid Beta Precursor Protein Binding Protein B3 (APBB3); Rat Amyloid Beta Precursor Protein Binding Protein B3 (APBB3) ELISA Kit; APBB3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of APBB3. No significant cross-reactivity or interference between APBB3 and analogues was observed.
Sequence Length	486
Samples	Tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	<0.062ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level APBB3 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level APBB3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APBB3 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of APBB3 in rat tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to APBB3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to APBB3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain APBB3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of APBB3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	22122589
NCBI GeneID	225372
NCBI Accession #	NP_666197.1
NCBI GenBank Nucleotide #	NM_146085.1
UniProt Accession #	Q8R1C9
Molecular Weight	52,638 Da
NCBI Official Full Name	amyloid beta A4 protein-binding family B member 3
NCBI Official Synonym Full Names	amyloid beta (A4) precursor protein-binding, family B, member 3
NCBI Official Symbol	Apbb3
NCBI Official Synonym Symbols	TR2S; Rirl2; Fe65l2
NCBI Protein Information	amyloid beta A4 precursor protein-binding family B member 3
UniProt Protein Name	Amyloid beta A4 precursor protein-binding family B member 3
UniProt Gene Name	Apbb3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/amyloid-beta-precursor-protein-binding-protein-b3-apbb3/67771>