

Human Appbp2 (Amyloid protein-binding protein 2) ELISA Kit | Appbp2 elisa kit

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CATALOG #
AAA248796

REACTIVITY
Human

PRODUCT SYNONYMS

Appbp2 (Amyloid protein-binding protein 2); Human Appbp2 (Amyloid protein-binding protein 2) ELISA Kit; Appbp2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Appbp2. No significant cross-reactivity or interference between Appbp2 and analogues was observed.
Sequence Length	585
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Appbp2 were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Appbp2 were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES

Typical Data & Standard Curve

Results of a typical standard operation of a Appbp2 ELISA Kit are listed below. This standard curve was generated at our lab for demonstration purpose only. Users shall obtain standard curve as per experiment by themselves. (N/A not applicable)

X	ng/ml	0	0.312	0.625	1.25	2.5	5	10	20
Y	OD450	0.079	0.144	0.231	0.371	0.656	1.086	1.848	2.644

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Appbp2 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Appbp2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- Appbp2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Appbp2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Appbp2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18104962
NCBI GeneID	10513
NCBI Accession #	NP_006371.2
NCBI GenBank Nucleotide #	NM_006380.3
UniProt Accession #	Q92624; O95095; Q8WVC9; A8K862
Molecular Weight	66,853 Da
NCBI Official Full Name	amyloid protein-binding protein 2 isoform 1
NCBI Official Synonym Full Names	amyloid beta precursor protein binding protein 2
NCBI Official Symbol	APPBP2
NCBI Official Synonym Symbols	PAT1; APP-BP2; HS.84084
NCBI Protein Information	amyloid protein-binding protein 2
UniProt Protein Name	Amyloid protein-binding protein 2
UniProt Gene Name	APPBP2
UniProt Synonym Gene Names	KIAA0228; PAT1; APP-BP2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/appbp2-amyloid-protein-binding-protein-2/248796>