

Human AP-2 complex subunit beta ELISA Kit | AP2B1 elisa kit

Human AP-2 complex subunit beta ELISA Kit

CATALOG #
AAA101376

REACTIVITY
Human

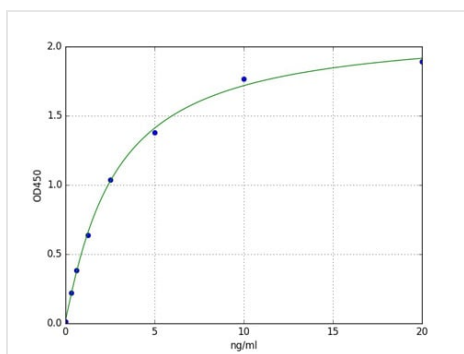
PRODUCT SYNONYMS

AP-2 complex subunit beta; Human AP-2 complex subunit beta ELISA Kit; AP2B1/AP-2 complex subunit beta/Clathrin assembly protein complex 2 beta large chain/Beta-adaptin/Beta-2-adaptin/Adaptor protein complex AP-2 subunit beta/AP105B/Adapter-related protein complex 2 beta subunit; AP2B1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	951
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
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



Standard Curve (Sample)

Typical Data & Standard Curve
Results of a typical standard run of a AP2B1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.036	0.112	0.183	0.384	0.679	1.249	2.002	2.503

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AP2B1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-AP2B1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-AP2B1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 AP2B1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of AP2B1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	71773106
NCBI GeneID	163
NCBI Accession #	NP_001025177.1
NCBI GenBank Nucleotide #	NM_001030006.1
Molecular Weight	98,118 Da
NCBI Official Full Name	AP-2 complex subunit beta isoform a
NCBI Official Synonym Full Names	adaptor related protein complex 2 beta 1 subunit
NCBI Official Symbol	AP2B1
NCBI Official Synonym Symbols	ADTB2; AP105B; CLAPB1; AP2-BETA
NCBI Protein Information	AP-2 complex subunit beta
UniProt Protein Name	AP-2 complex subunit beta
UniProt Gene Name	AP2B1
UniProt Synonym Gene Names	ADTB2; CLAPB1
UniProt Entry Name	AP2B1_HUMAN

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/ap2b1-human-elisa-kits/ap-2-complex-subunit-beta/101376>