

Human TGF-beta-activated kinase 1 and MAP3K7-binding protein 2 ELISA Kit | TAB2 elisa kit

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CATALOG #
AAA99685

REACTIVITY
Human

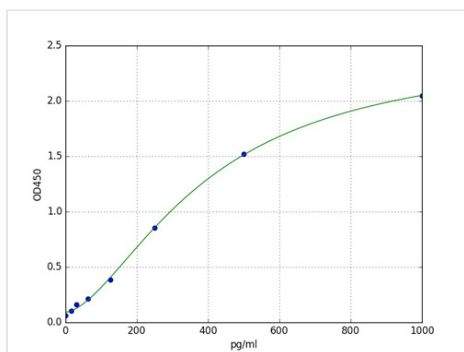
PRODUCT SYNONYMS

TGF-beta-activated kinase 1 and MAP3K7-binding protein 2; Human TGF-beta-activated kinase 1 and MAP3K7-binding protein 2 ELISA Kit; TAB2/TGF-beta-activated kinase 1-binding protein 2/Mitogen-activated protein kinase kinase kinase 7-interacting protein 2/TAK1-binding protein 2 (TAB-2); TAB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	693
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/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 Human TAB2 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	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.064	0.103	0.166	0.215	0.392	0.813	1.534	2.218

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TAB2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human TAB2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human TAB2 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 Human TAB2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human TAB2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20149752
NCBI GeneID	68652
NCBI Accession #	NP_619608.1
NCBI GenBank Nucleotide #	NM_138667.3
Molecular Weight	76,442 Da
NCBI Official Full Name	TGF-beta-activated kinase 1 and MAP3K7-binding protein 2
NCBI Official Synonym Full Names	TGF-beta activated kinase 1/MAP3K7 binding protein 2
NCBI Official Symbol	Tab2
NCBI Official Synonym Symbols	Map3k7ip2; mKIAA0733; 1110030N06Rik; A530078N03Rik
NCBI Protein Information	TGF-beta-activated kinase 1 and MAP3K7-binding protein 2
UniProt Protein Name	TGF-beta-activated kinase 1 and MAP3K7-binding protein 2
UniProt Gene Name	Tab2
UniProt Synonym Gene Names	Kiaa0733; Map3k7ip2; TAB-2
UniProt Entry Name	TAB2_MOUSE

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/tab2-human-elisa-kits/tgf-beta-activated-kinase-1-and-map3k7-binding-protein-2/99685>