

Human BTB/POZ domain containing adapter for CUL3 mediated RhoA degradation protein 2 (TNFAIP1) ELISA Kit | TNFAIP1 elisa kit

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CATALOG #
AAA244939

REACTIVITY
Human

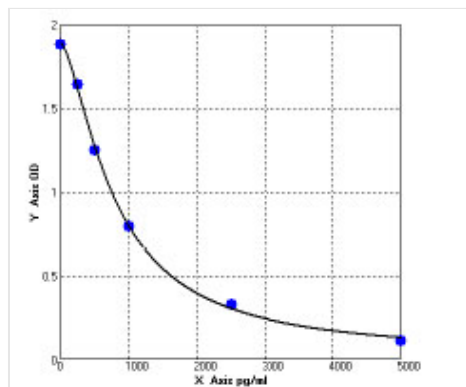
PRODUCT SYNONYMS

BTB/POZ domain containing adapter for CUL3 mediated RhoA degradation protein 2 (TNFAIP1); Human BTB/POZ domain containing adapter for CUL3 mediated RhoA degradation protein 2 (TNFAIP1) ELISA Kit; TNFAIP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TNFAIP1. No significant cross-reactivity or interference between TNFAIP1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TNFAIP1 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNFAIP1 elisa kit	Intended Uses: This TNFAIP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human TNFAIP1. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: TNFAIP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-TNFAIP1 antibody and an TNFAIP1-HRP conjugate. The assay sample and buffer are incubated together with TNFAIP1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TNFAIP1 concentration since TNFAIP1 from samples and TNFAIP1-HRP conjugate compete for the anti-TNFAIP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by TNFAIP1 from the sample, fewer sites are left to bind TNFAIP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TNFAIP1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for TNFAIP1 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	2833248
NCBI GeneID	7126
Molecular Weight	36,204 Da
NCBI Official Full Name	BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 2
NCBI Official Synonym Full Names	tumor necrosis factor, alpha-induced protein 1 (endothelial)
NCBI Official Symbol	TNFAIP1
NCBI Official Synonym Symbols	B12; B61; EDP1; BTBD34; hBACURD2
NCBI Protein Information	BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 2; BTB/POZ domain-containing protein TNFAIP1
UniProt Protein Name	BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 2
UniProt Gene Name	TNFAIP1
UniProt Synonym Gene Names	BACURD2; EDP1; hBACURD2
UniProt Entry Name	BACD2_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/btb-poz-domain-containing-adapter-for-cul3-mediated-rhoa-degradation-protein-2-tnfaip1/244939>