

Human TYRO Protein Tyrosine Kinase-Binding Protein (TYROBP) ELISA Kit | TYROBP elisa kit

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CATALOG # AAA330332	REACTIVITY Human
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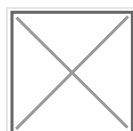
PRODUCT SYNONYMS

TYRO Protein Tyrosine Kinase-Binding Protein (TYROBP); Human TYRO Protein Tyrosine Kinase-Binding Protein (TYROBP) ELISA Kit; TYROBP; DAP12; KARAP; PLOSL; DNAX-activation protein 12; killer activating receptor associated protein; TYROBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human TYRO protein tyrosine kinase-binding protein (TYROBP) ELISA Kit has high sensitivity and excellent specificity for detection of Human TYROBP. No significant cross-reactivity or interference between Human TYROBP and analogues was observed.
Sequence Length	113
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human TYRO protein tyrosine kinase-binding protein (TYROBP) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TYROBP elisa kit	Description: This Human TYRO protein tyrosine kinase-binding protein (TYROBP) ELISA Kit employs a two-site sandwich ELISA to quantitate TYROBP in samples. An antibody specific for TYROBP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TYROBP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TYROBP is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TYROBP bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: TYROBP encodes a transmembrane signaling polypeptide which contains an immunoreceptor tyrosine-based activation motif (ITAM) in its cytoplasmic domain. The encoded protein may associate with the killer-cell inhibitory receptor (KIR) family of membrane glycoproteins and may act as an activating signal transduction element. This protein may bind zeta-chain (TCR) associated protein kinase 70kDa (ZAP-70) and spleen tyrosine kinase (SYK) and play a role in signal transduction, bone modeling, brain myelination, and inflammation. Mutations within this gene have been associated with polycystic lipomembranous osteodysplasia with sclerosing leukoencephalopathy (PLOSL), also known as Nasu-Hakola disease. Its putative receptor, triggering receptor expressed on myeloid cells 2 (TREM2), also causes PLOSL.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507755
NCBI GeneID	7305
NCBI Accession #	NP_003323.1
NCBI GenBank Nucleotide #	NP_003323.1
UniProt Accession #	O43914
NCBI Official Full Name	TYRO protein tyrosine kinase-binding protein isoform 1
NCBI Official Synonym Full Names	TYRO protein tyrosine kinase binding protein
NCBI Official Symbol	TYROBP
NCBI Official Synonym Symbols	DAP12; KARAP; PLOSL; PLOSL1
NCBI Protein Information	TYRO protein tyrosine kinase-binding protein
UniProt Protein Name	TYRO protein tyrosine kinase-binding protein
UniProt Gene Name	TYROBP
UniProt Synonym Gene Names	DAP12; KARAP; KAR-associated protein
UniProt Entry Name	TYOBP_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.