

Mouse TNFAIP3-Interacting Protein 2 (TNIP2) ELISA Kit | TNIP2 elisa kit

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CATALOG #
AAA332123

REACTIVITY
Mouse

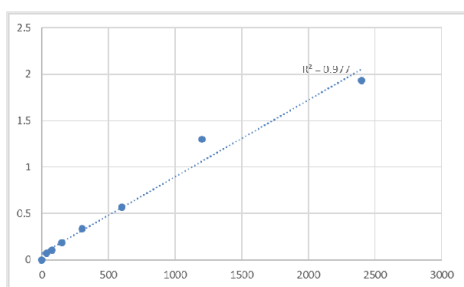
PRODUCT SYNONYMS

TNFAIP3-Interacting Protein 2 (TNIP2); Mouse TNFAIP3-Interacting Protein 2 (TNIP2) ELISA Kit; TNIP2; RP3-474M20.1; ABIN2; DKFZp434J1313; FLIP1; KLIP; MGC4289; A20-binding inhibitor of NF-kappaB activation 2; A20-binding inhibitor of NF-kappaB activation-2; fetal liver LKB1-interacting protein; TNIP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse TNFAIP3-interacting protein 2 (TNIP2) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TNIP2. No significant cross-reactivity or interference between Mouse TNIP2 and analogues was observed.
Sequence Length	430
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. Mouse TNFAIP3-interacting protein 2 (TNIP2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TNIP2 elisa kit	Description: This Mouse TNFAIP3-interacting protein 2 (TNIP2) ELISA Kit employs a two-site sandwich ELISA to quantitate TNIP2 in samples. An antibody specific for TNIP2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNIP2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNIP2 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 TNIP2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: TNIP2 binds to the C-terminal zinc finger domain of A20 (TNFAIP3) and is involved in activation of the ERK MAP kinase pathway in various cell types. By yeast 2-hybrid screening of a mouse fibrosarcoma cDNA library using A20 as bait, followed by database analysis, Van Huffel et al. (2001) identified human TNIP2, which they called ABIN2. The mouse and human proteins share 76% amino acid identity. Northern blot analysis of mouse tissues revealed ubiquitous expression, with highest expression in kidney and weakest expression in skeletal muscle. Western blot analysis revealed a 50-kD endogenous Abin2 protein in mouse macrophages and fibrosarcoma cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20532344
NCBI GeneID	231130
NCBI Accession #	NP_620703.1
NCBI GenBank Nucleotide #	NP_620703.1
UniProt Accession #	Q99JG7
NCBI Official Full Name	TNFAIP3-interacting protein 2
NCBI Official Synonym Full Names	TNFAIP3 interacting protein 2
NCBI Official Symbol	Tnip2
NCBI Official Synonym Symbols	ABIN-2; AI428870; 1810020H16Rik
NCBI Protein Information	TNFAIP3-interacting protein 2
UniProt Protein Name	TNFAIP3-interacting protein 2
UniProt Gene Name	Tnip2
UniProt Synonym Gene Names	Abin2; ABIN-2
UniProt Entry Name	TNIP2_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.