

Human Target Of Rapamycin Complex 2 Subunit MAPKAP1 (MAPKAP1) ELISA Kit | MAPKAP1 elisa kit

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CATALOG #
AAA331879

REACTIVITY
Human

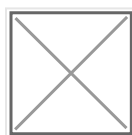
PRODUCT SYNONYMS

Target Of Rapamycin Complex 2 Subunit MAPKAP1 (MAPKAP1); Human Target Of Rapamycin Complex 2 Subunit MAPKAP1 (MAPKAP1) ELISA Kit; MAPKAP1; RP11-269P11.1; JC310; MGC2745; MIP1; SIN1; SIN1b; SIN1g; MEKK2-interacting protein 1; OTTHUMP00000022141; SAPK-interacting protein 1; ras inhibitor MGC2745; stress-activated map kinase interacting prote; MAPKAP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Target of rapamycin complex 2 subunit MAPKAP1 (MAPKAP1) ELISA Kit has high sensitivity and excellent specificity for detection of Human MAPKAP1. No significant cross-reactivity or interference between Human MAPKAP1 and analogues was observed.
Sequence Length	522
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 Target of rapamycin complex 2 subunit MAPKAP1 (MAPKAP1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MAPKAP1 elisa kit	Description: This Human Target of rapamycin complex 2 subunit MAPKAP1 (MAPKAP1) ELISA Kit employs a two-site sandwich ELISA to quantitate MAPKAP1 in samples. An antibody specific for MAPKAP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MAPKAP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MAPKAP1 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 MAPKAP1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Target of rapamycin complex 2 subunit MAPKAP1 is a protein similar to the yeast SIN1 protein, a stress-activated protein kinase. Alternatively spliced transcript variants encoding distinct isoforms have been described. Alternate polyadenylation sites as well as alternate 3' UTRs have been identified for transcripts of this gene. The deduced 522-amino acid protein has a nuclear localization signal, 2 bipartite nuclear localization signals, a peroxisomal targeting signal, and a PEST motif for rapid protein degradation. Comparison of SIN1 with homologs from various species revealed a short, highly conserved region, designated Box1, located within a larger conserved domain, designated CRIM (conserved region in middle).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15214282
NCBI GeneID	79109
UniProt Accession #	Q9BPZ7
NCBI Official Full Name	Target of rapamycin complex 2 subunit MAPKAP1
NCBI Official Synonym Full Names	MAPK associated protein 1
NCBI Official Symbol	MAPKAP1
NCBI Official Synonym Symbols	MIP1; SIN1; JC310; SIN1b; SIN1g
NCBI Protein Information	target of rapamycin complex 2 subunit MAPKAP1
UniProt Protein Name	Target of rapamycin complex 2 subunit MAPKAP1
UniProt Gene Name	MAPKAP1
UniProt Synonym Gene Names	MIP1; SIN1; TORC2 subunit MAPKAP1; SAPK-interacting protein 1; mSIN1
UniProt Entry Name	SIN1_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/target-of-rapamycin-complex-2-subunit-mapkap1-mapkap1/331879>