

Rat C-Jun-amino-terminal kinase-interacting protein 3 (MAPK8IP3) ELISA Kit | MAPK8IP3 elisa kit

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CATALOG # AAA245926	REACTIVITY Rat
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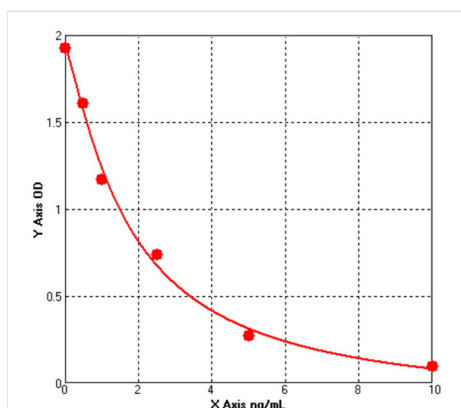
PRODUCT SYNONYMS

C-Jun-amino-terminal kinase-interacting protein 3 (MAPK8IP3); Rat C-Jun-amino-terminal kinase-interacting protein 3 (MAPK8IP3) ELISA Kit; MAPK8IP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of MAPK8IP3. No significant cross-reactivity or interference between MAPK8IP3 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between MAPK8IP3 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAPK8IP3 elisa kit	Principle of the Assay: MAPK8IP3 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-MAPK8IP3 antibody and an MAPK8IP3-HRP conjugate. The assay sample and buffer are incubated together with MAPK8IP3-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 MAPK8IP3 concentration since MAPK8IP3 from samples and MAPK8IP3-HRP conjugate compete for the anti-MAPK8IP3 antibody binding site. Since the number of sites is limited, as more sites are occupied by MAPK8IP3 from the sample, fewer sites are left to bind MAPK8IP3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MAPK8IP3 concentration in each sample is interpolated from this standard curve. Intended Uses: This MAPK8IP3 ELISA kit is a 1.5-hour solid-phase ELISA designed for the quantitative determination of Rat MAPK8IP3. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for MAPK8IP3 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	94557297
NCBI GeneID	23162
NCBI Accession #	NP_055948.2
NCBI GenBank Nucleotide #	NM_015133.3
Molecular Weight	29,052 Da
NCBI Official Full Name	C-Jun-amino-terminal kinase-interacting protein 3 isoform 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase 8 interacting protein 3
NCBI Official Symbol	MAPK8IP3
NCBI Official Synonym Symbols	syd; JIP3; SYD2; JSAP1
NCBI Protein Information	C-Jun-amino-terminal kinase-interacting protein 3; JIP-3; JNK-interacting protein 3; JNK/SAPK-associated protein-1; JNK MAP kinase scaffold protein 3; homolog of Drosophila Sunday driver 2; C-jun-amino-terminal kinase interacting protein 3; JNK/stress-activated protein kinase-associated protein 1; mitogen-activated protein kinase 8-interacting protein 3
UniProt Protein Name	C-Jun-amino-terminal kinase-interacting protein 3
UniProt Gene Name	MAPK8IP3
UniProt Synonym Gene Names	JIP3; KIAA1066; JIP-3; JNK-interacting protein 3
UniProt Entry Name	JIP3_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/rat-elisa-kits/c-jun-amino-terminal-kinase-interacting-protein-3-mapk8ip3/245926>