

Rabbit MAPKBP1 Polyclonal Antibody | anti-MAPKBP1 antibody

MAPKBP1 Polyclonal Antibody

CATALOG # AAA10759	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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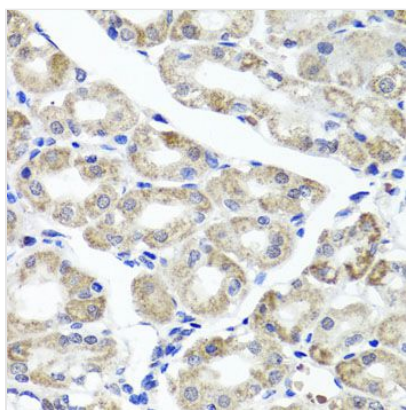
PRODUCT SYNONYMS

MAPKBP1; Polyclonal Antibody; MAPKBP1 Polyclonal Antibody; JNKBP-1; JNKBP1; NPHP20; anti-MAPKBP1 antibody

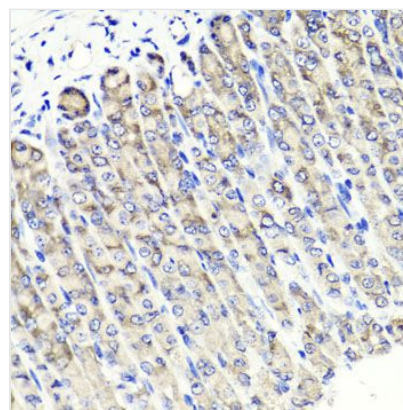
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Sequence Length	1514
Applicable Applications for anti-MAPKBP1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	WB: 1:500 - 2000 IHC: 1:50 - 1:100
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human MAPKBP1 (NP_001122080.1).
Category	Primary antibody
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

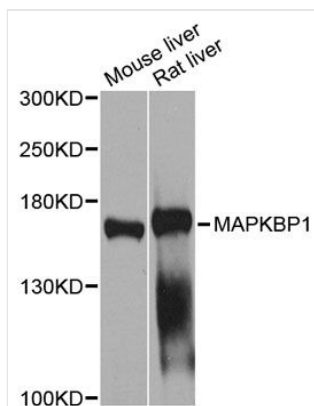
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using MAPKBP1 antibody at dilution of 1:100 (40x lens).


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse stomach using MAPKBP1 antibody (AAA10759) at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MAPKBP1 antibody (AAA10759) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-MAPKBP1 antibody	This gene encodes a scaffold protein that regulates the JNK (c-Jun N-terminal kinase) and NOD2 (nucleotide-binding oligomerization domain-containing protein 2) signaling pathways. The encoded protein interacts with another related JNK pathway scaffold protein, WDR62, via a conserved dimerization domain, and enhances JNK signaling. This protein may play a role in bacterial immunity by binding to the NOD2 receptor and negatively regulating downstream antibacterial and pro-inflammatory signaling. Mutations in this gene that impair cellular localization of the encoded protein cause a form of nephronophthisis, an autosomal-recessive kidney disorder, in human patients.
Product Categories/Family for anti-MAPKBP1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	215274254
NCBI GeneID	23005
UniProt Accession #	O60336; Q14CB5; Q14CD8; Q49AJ8; Q5W9G9; A6NM93; A8K8P9
Molecular Weight	Observed MW: 164kDa Calculated MW: 23kDa/109kDa/134kDa/149kDa/163kDa
NCBI Official Full Name	Mitogen-activated protein kinase-binding protein 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase binding protein 1
NCBI Official Symbol	MAPKBP1
NCBI Official Synonym Symbols	JNKBP-1
NCBI Protein Information	mitogen-activated protein kinase-binding protein 1; JNK-binding protein 1; mitogen activated protein kinase binding protein 1
UniProt Protein Name	Mitogen-activated protein kinase-binding protein 1
UniProt Gene Name	MAPKBP1
UniProt Synonym Gene Names	JNKBP1; KIAA0596; JNKBP-1
UniProt Entry Name	MABP1_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.

