

Rabbit AJAP1 Polyclonal Antibody | anti-AJAP1 antibody

AJAP1 Antibody

CATALOG # AAA40686	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, ELISA
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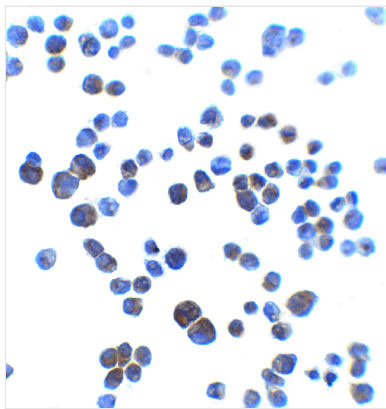
PRODUCT SYNONYMS

AJAP1; Polyclonal Antibody; AJAP1 Antibody; Adherens junctions associated protein 1; Membrane protein shrew-1; MOT8; SHREW1; adherens junctions associated protein 1; anti-AJAP1 antibody

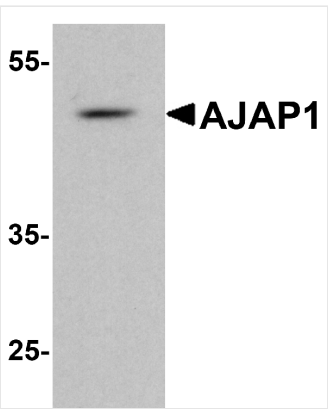
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	AJAP1 antibody is human, mouse and rat reactive.
Purity/Purification	AJAP1 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	411
Applicable Applications for anti-AJAP1 antibody	WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	AJAP1 antibody was raised against an 18 amino acid peptide near the carboxy terminus of human AJAP1.
Buffer	AJAP1 antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	AJAP1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



ICC (Immunocytochemistry)
Immunocytochemistry of AJAP1 in K562 cells with AJAP1 at 2.5 μg/mL.



WB (Western Blot)
Western blot analysis of AJAP1 in rat liver tissue lysate with AJAP1 antibody at 1 μg/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-AJAP1 antibody	The Adherens Junction Associated Protein 1 (AJAP1) plays a key role in cell adhesion and cell migration (1). It is a transmembrane protein found on the basolateral surface of epithelium and expressed by multiple types of epithelium (1,2). AJAP1 interacts with E-Cadherin and appears to promote the internalization of E-Cadherin upon growth factor stimulation (3). This facilitates the dissolution of adherens junctions with an increase in cell motility (3,4).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9055278
NCBI GeneID	55966
NCBI Accession #	NP_061324
NCBI GenBank Nucleotide #	NM_018836.3
UniProt Accession #	Q9UKB5; Q9Y229
Molecular Weight	Predicted: 45 kDa Observed: 48 kDa
NCBI Official Full Name	adherens junction-associated protein 1
NCBI Official Synonym Full Names	adherens junctions associated protein 1
NCBI Official Symbol	AJAP1
NCBI Official Synonym Symbols	MOT8; SHREW1; SHREW-1
NCBI Protein Information	adherens junction-associated protein 1; membrane protein shrew-1; transmembrane protein SHREW1; adherens junction associated protein 1
UniProt Protein Name	Adherens junction-associated protein 1
UniProt Gene Name	AJAP1
UniProt Synonym Gene Names	MOT8; SHREW1
UniProt Entry Name	AJAP1_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.

