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AJAP1 Rabbit pAb

Catalog # AP96291

Product Information

Application	WB
Primary Accession	Q9UKB5
Other Accession	Q9UKB5
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44536
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human AJAP1
Epitope Specificity	271-370/411
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Basolateral cell membrane. Apical cell membrane. Cell junction > adherens junction. Mainly basolateral. Localization is mediated by AP1M2.
Post-translational modifications	Thr-237 and Ser-239 may be phosphorylated; however as this position is probably extracellular, the in vivo relevance is not proven.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	AJAP1 (Adherens Junctions Associated Protein 1) is a Protein Coding gene. Diseases associated with AJAP1 include Dental Caries and Chromosome 1P36 Deletion Syndrome.

Additional Information

Gene ID	55966
Other Names	MOT8; SHREW-1; SHREW1; AJAP1_HUMAN; AJAP1; Membrane protein shrew-1; adherens junctions associated protein 1; transmembrane protein SHREW1
Target/Specificity	Expressed in uterus and pancreas (at protein level).
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	AJAP1

Synonyms	MOT8, SHREW1
Function	Plays a role in cell adhesion and cell migration.
Cellular Location	Basolateral cell membrane; Single-pass type I membrane protein. Apical cell membrane; Single-pass type I membrane protein. Cell junction, adherens junction. Note=Mainly basolateral (PubMed:16707570). Localization is mediated by AP1M2 (PubMed:16707570).
Tissue Location	Expressed in uterus and pancreas (at protein level).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.