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ADAM23 Rabbit pAb

Catalog # AP98186

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	O75077
Other Accession	O75077
Reactivity	Rat, Human, Mouse
Predicted	Pig, Rabbit, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	91926
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ADAM23
Epitope Specificity	551-650/832
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 disintegrin domain.Contains 1 EGF-like domain.Contains 1 peptidase M12B domain.
SUBUNIT	Can bind to LGI1 and LGI4 (By similarity). Ligand for integrin alpha-V/beta-3.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	ADAM23 is a non-catalytic metalloprotease-like protein. It is highly expressed in the brain, primarily in the amygdala, caudate nucleus, hypothalamus, thalamus, cerebral cortex and occipital pole, and weakly expressed in the heart. 3 isoforms are produced by alternative splicing, alpha, beta and gamma. ADAM23 may play a role in cell-cell and cell-matrix interactions.

Additional Information

Gene ID	8745
Other Names	MDC-3; MDC3; ADA23_HUMAN; ADAM23; ADAM 23; Metalloproteinase-like, disintegrin-like, and cysteine-rich protein 3 (MDC-3); ADA23_MOUSE; ADAM metallopeptidase domain 23; a disintegrin and metalloproteinase domain 23
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,Flow-Cyt=0.2 ug/Test
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	ADAM23
Synonyms	MDC3
Function	May play a role in cell-cell and cell-matrix interactions. This is a non-catalytic metalloprotease-like protein.
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Highly expressed in the brain and weakly expressed in the heart. In the brain, expressed prominently in the amygdala, caudate nucleus, hypothalamus, thalamus, cerebral cortex and occipital pole.

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