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anti-ADAM15 antibody (Middle Region)



Images



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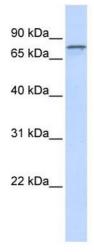
Quantity:	100 μL
Target:	ADAM15
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAM15 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ADAM15
Sequence:	QPAAPLCLQT ANTRGNAFGS CGRNPSGSYV SCTPRDAICG QLQCQTGRTQ
Predicted Reactivity:	Cow: 86%, Dog: 79%, Guinea Pig: 79%, Horse: 85%, Human: 100%, Mouse: 100%, Pig: 85%, Rabbit: 79%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against ADAM15. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	ADAM15

Alternative Name:	ADAM15 (ADAM15 Products)
Background:	ADAM15 is a member of the ADAM (a disintegrin and metalloproteinase) protein family. ADAM
	family members are type I transmembrane glycoproteins known to be involved in cell adhesion
	and proteolytic ectodomain processing of cytokines and adhesion molecules. This protein
	contains multiple functional domains including a zinc-binding metalloprotease domain, a
	disintegrin-like domain, as well as a EGF-like domain. Through its disintegrin-like domain, this
	protein specifically interacts with the integrin beta chain, beta 3. It also interacts with Src family
	protein-tyrosine kinases in a phosphorylation-dependent manner, suggesting that this protein
	may function in cell-cell adhesion as well as in cellular signaling. The protein encoded by this
	gene is a member of the ADAM (a disintegrin and metalloproteinase) protein family. ADAM
	family members are type I transmembrane glycoproteins known to be involved in cell adhesion
	and proteolytic ectodomain processing of cytokines and adhesion molecules. This protein
	contains multiple functional domains including a zinc-binding metalloprotease domain, a
	disintegrin-like domain, as well as a EGF-like domain. Through its disintegrin-like domain, this
	protein specifically interacts with the integrin beta chain, beta 3. It also interacts with Src family
	protein-tyrosine kinases in a phosphorylation-dependent manner, suggesting that this protein
	may function in cell-cell adhesion as well as in cellular signaling. Multiple alternatively spliced
	transcript variants encoding distinct isoforms have been observed.
	Alias Symbols: MDC15
	Protein Interaction Partner: BANP, NUP62, RBPMS, UBC, SP4, FHL3, FBX06, SH3PXD2A, SRC,
	PTK6, MAPK3, MAPK1, NCK1, GRB2, SNX30, SH3RF3, SNX9, SH3GLB1, PACSIN3, ARHGEF6,
	ARHGEF7, SORBS2, YES1, NPHP1, LYN, LCK, HCK, FYN, SH3D19, SH3RF1, SORBS3, SNX33,
	SORBS1, TRIP13, SH3GL2, ABL1, MAD2L1
	Protein Size: 862
Molecular Weight:	70 kDa
Gene ID:	8751
NCBI Accession:	NM_207196, NP_997079
UniProt:	Q71S69
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 862 AA
Restrictions:	For Research Use only

Handling

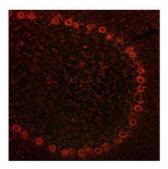
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-ADAM15 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human brain



ADAM15 (ARP46370_P050)

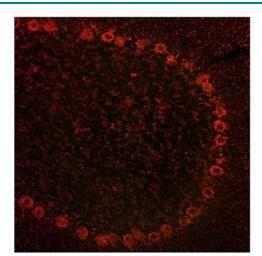
Immunohistochemistry Sample: rat and mouse Tissue type: Brain Tissue Dilution: 10ug/ml

Observed: staining in cytoplasmin

neurons

Application in forum

Image 2.



Immunohistochemistry

Image 3. rat and mouse brain