

Rabbit ADAM17 Polyclonal Antibody | anti-ADAM17 antibody

ADAM17 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312845	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

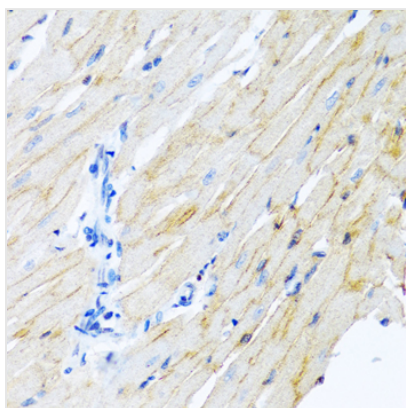
PRODUCT SYNONYMS

ADAM17; Polyclonal Antibody; ADAM17 Polyclonal Antibody; ADAM18; CD156B; CSVP; NISBD; NISBD1; TACE; anti-ADAM17 antibody

PRODUCT SPECIFICATIONS

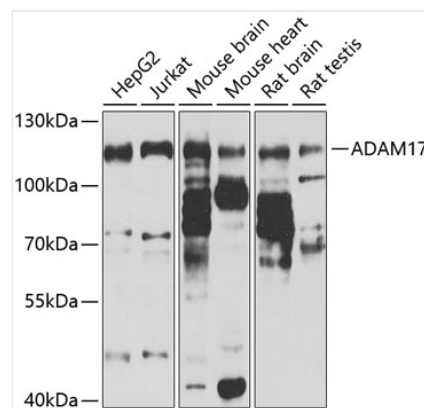
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH7.4, 150mM NaCl, 0.02% sodium azide and 128% glycerol. PBS with 0.02% sodium azide, 50% glycerol, pH7.81
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-ADAM17 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human ADAM17 (NP_003174.3)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat heart using ADAM17 antibody at dilution of 1:100.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ADAM17 antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-ADAM17 antibody	This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biologic processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The encoded preproprotein is proteolytically processed to generate the mature protease. The encoded protease functions in the ectodomain shedding of tumor necrosis factor-alpha, in which soluble tumor necrosis factor-alpha is released from the membrane-bound precursor. This protease also functions in the processing of numerous other substrates, including cell adhesion proteins, cytokine and growth factor receptors and epidermal growth factor (EGF) receptor ligands. The encoded protein also plays a prominent role in the activation of the Notch signaling pathway. Elevated expression of this gene has been observed in specific cell types derived from psoriasis, rheumatoid arthritis, multiple sclerosis and Crohn's disease patients, suggesting that the encoded protein may play a role in autoimmune disease.
Product Categories/Family for anti-ADAM17 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	73747889
NCBI GeneID	6868
NCBI Accession #	NP_003174.3
NCBI GenBank Nucleotide #	NM_003183.4
UniProt Accession #	P78536; O60226
Molecular Weight	93,021 Da
NCBI Official Full Name	disintegrin and metalloproteinase domain-containing protein 17 preproprotein
NCBI Official Synonym Full Names	ADAM metalloproteinase domain 17
NCBI Official Symbol	ADAM17
NCBI Official Synonym Symbols	CSVP; TACE; NISBD; ADAM18; CD156B
NCBI Protein Information	disintegrin and metalloproteinase domain-containing protein 17; TNF-alpha convertase; snake venom-like protease; TNF-alpha converting enzyme; ADAM metalloproteinase domain 18; tumor necrosis factor, alpha, converting enzyme
UniProt Protein Name	Disintegrin and metalloproteinase domain-containing protein 17
UniProt Gene Name	ADAM17
UniProt Synonym Gene Names	CSVP; TACE; ADAM 17
UniProt Entry Name	ADA17_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/adam17-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/312845>