

Rabbit anti-Human ADAM17 Polyclonal Antibody | anti-ADAM17 antibody

Anti-ADAM17 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255010	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Western Blot

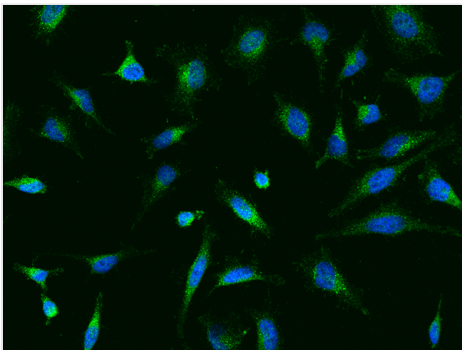
PRODUCT SYNONYMS

ADAM17; Polyclonal Antibody; Anti-ADAM17 Antibody; Rabbit Polyclonal; ADAM17 Antibody; Rabbit PAb; Antigen Affinity Purified; ADAM metallopeptidase domain 17; Anti-ADAM18 Antibody; Anti-CD156B Antibody; Anti-CSVP Antibody; Anti-NISBD Antibody; Anti-NISBD1 Antibody; Anti-TACE Antibody; anti-ADAM17 antibody

PRODUCT SPECIFICATIONS

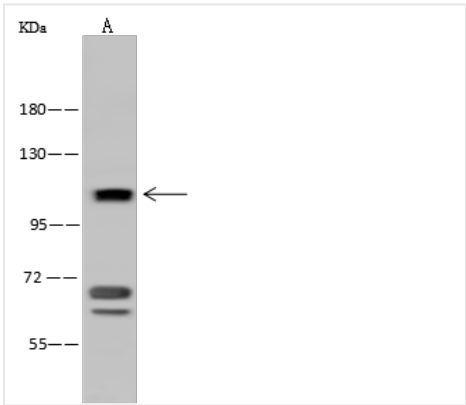
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ADAM17
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-ADAM17 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the center region of the Human ADAM17
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human ADAM17, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of ADAM17 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human ADAM17 polyclonal antibody (dilution ratio 1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm.



WB (Western Blot)

Anti-ADAM17 rabbit polyclonal antibody at 1:500 dilution Lane A: Jurkat Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 93 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ADAM17 antibody	ADAM17 is a member of the ADAM protein family of disintegrins and metalloproteases. ADAM17 is ubiquitously expressed in the human colon, with increased activity in the colonic mucosa of patients with ulcerative colitis, a main form of inflammatory bowel disease. The expression of ADAM17 may be inhibited by ethanol. It is involved in the processing of tumor necrosis factor alpha (TNF-alpha) at the surface of the cell, and from within the intracellular membranes of the trans-Golgi network. ADAM17 also plays a role in the release of a diverse variety of membrane-anchored cytokines, cell adhesion molecules, receptors, ligands, and enzymes. ADAM17 may play a prominent role in the Notch signaling pathway, during the proteolytic release of the Notch intracellular domain (from the Notch1 receptor) that occurs following ligand binding.
Product Categories/Family for anti-ADAM17 antibody	Notch Signaling
References	Poghosyan. et al., 2002, J Biol Chem. 277 (7): 4999-5007. Li Y. et al., 2006, Blood. 108 (7): 2275-9. Peiretti. et al., 2003, J Cell Sci. 116 (10): 1949-57.

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 metallopeptidase 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 metallopeptidase 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-immunocytochemistry-western-blot-elisa/255010>