

Rabbit anti-Human ADAM10 Polyclonal Antibody | anti-ADAM10 antibody

ADAM10 Antibody

CATALOG # AAA229388	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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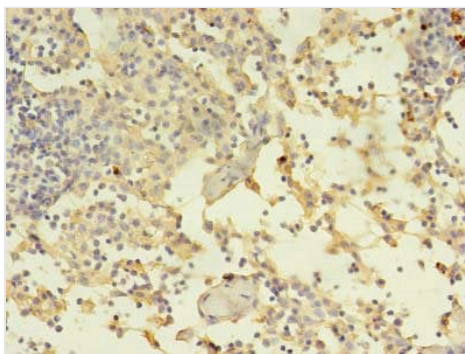
PRODUCT SYNONYMS

ADAM10; Polyclonal Antibody; ADAM10 Antibody; Disintegrin and metalloproteinase domain-containing protein 10 (EC:3.4.24.81); ADAM 10; KUZ; MADM; CDw156; Kuzbanian protein homolog; Mammalian disintegrin-metalloprotease; CD_antigen: CD156c; anti-ADAM10 antibody

PRODUCT SPECIFICATIONS

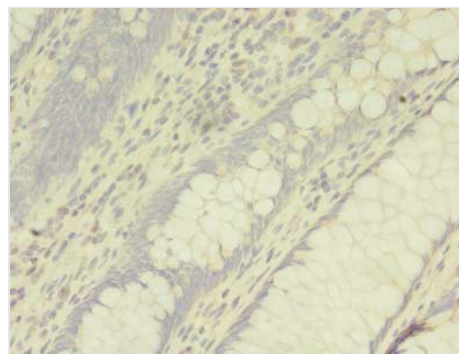
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Liquid
Sequence Length	748
Applicable Applications for anti-ADAM10 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Disintegrin and metalloproteinase domain-containing protein 10 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-16523 / sc-31853 / sc-31855 / sc-16524 / sc-25578
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human thymus tissue using AAA229388 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA229388 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-ADAM10 antibody	Cleaves the membrane-bound precursor of TNF-alpha at '76-Ala- -Val-77' to its mature soluble form. Responsible for the proteolytical release of soluble JAM3 from endothelial cells surface. Responsible for the proteolytic release of several other cell-surface proteins, including heparin-binding epidermal growth-like factor, ephrin-A2 and for constitutive and regulated alpha-secretase cleavage of amyloid precursor protein (APP). Contributes to the normal cleavage of the cellular prion protein. Involved in the cleavage of the adhesion molecule L1 at the cell surface and in released membrane vesicles, suggesting a vesicle-based protease activity. Controls also the proteolytic processing of Notch and mediates lateral inhibition during neurogenesis. Responsible for the FasL ectodomain shedding and for the generation of the remnant ADAM10-processed FasL (FasL APL) transmembrane form. Also cleaves the ectodomain of the integral membrane proteins CORIN and ITM2B. May regulate the EFNA5-EPHA3 signaling.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557251
NCBI GeneID	102
NCBI Accession #	NP_001101.1
NCBI GenBank Nucleotide #	NM_001110.3
UniProt Accession #	O14672; Q10742; Q92650; B4DU28
Molecular Weight	49,047 Da
NCBI Official Full Name	disintegrin and metalloproteinase domain-containing protein 10 isoform 1 preproprotein
NCBI Official Synonym Full Names	ADAM metalloproteinase domain 10
NCBI Official Symbol	ADAM10
NCBI Official Synonym Symbols	RAK; kuz; AD10; AD18; MADM; CD156c; CDw156; HsT18717
NCBI Protein Information	disintegrin and metalloproteinase domain-containing protein 10
UniProt Protein Name	Disintegrin and metalloproteinase domain-containing protein 10
UniProt Gene Name	ADAM10
UniProt Synonym Gene Names	KUZ; MADM; ADAM 10
UniProt Entry Name	ADA10_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/adam10-antibody-immunohistochemistry-elisa/229388>