

Rabbit anti-Human ADAM33 Polyclonal Antibody | anti-ADAM33 antibody

ADAM33 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327822	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

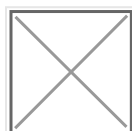
PRODUCT SYNONYMS

ADAM33; Polyclonal Antibody; ADAM33 Antibody; A disintegrin and metalloprotease 33; A disintegrin and metalloproteinase domain 33; ADA33_HUMAN; ADAM 33; ADAM metallopeptidase domain 33; C20orf153; Disintegrin and metalloproteinase domain-containing protein 33; Disintegrin and reprolysin metalloproteinase family protein; DJ964F7.1; DKFZp434K0521; FLJ35308; FLJ36751; Metalloprotease disintegrin; MGC149823; MGC71889; PRO1891; UNQ873; anti-ADAM33 antibody

PRODUCT SPECIFICATIONS

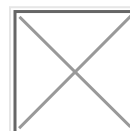
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	ADAM33 antibody detects endogenous levels of total ADAM33
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	812
Applicable Applications for anti-ADAM33 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ADAM33
Subcellular Location	Membrane.
Tissue Specificity	Expressed in all tissues, except liver, with high expression in placenta, lung, spleen and veins.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus
Similarity	Pig (100%), Bovine (91%), Horse (100%), Sheep (91%), Rabbit (91%), Dog (100%), Xenopus (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of ADAM33 using HuvEc whole cell lysates



IHC (Immunohistochemistry)

AAA327822 at 1/100 staining Human liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-ADAM33 antibody	Function: Zn2+ Post-translational Modifications: The precursor is cleaved by a furin endopeptidase. Similarity: The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	540344525
NCBI GeneID	80332
NCBI Accession #	NP_001269376.1
NCBI GenBank Nucleotide #	NM_001282447.2
UniProt Accession #	Q9BZ11; Q5JT75; Q5JT76; Q8N0W6; A0A1K6
Molecular Weight	Observed: 88 kDa Predicted: 88 kDa
NCBI Official Full Name	disintegrin and metalloproteinase domain-containing protein 33 isoform gamma
NCBI Official Synonym Full Names	ADAM metallopeptidase domain 33
NCBI Official Symbol	ADAM33
NCBI Official Synonym Symbols	C20orf153; DJ964F7.1
NCBI Protein Information	disintegrin and metalloproteinase domain-containing protein 33
UniProt Protein Name	Disintegrin and metalloproteinase domain-containing protein 33
UniProt Gene Name	ADAM33
UniProt Synonym Gene Names	C20orf153; ADAM 33

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://stage.aaabiotech.com/polyclonal/adam33-antibody-immunohistochemistry-western-blot-elisa/327822>