

Goat ADAM12 Polyclonal Antibody | anti-ADAM12 antibody

Goat Polyclonal to Human ADAM12

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50904	Goat	Human Predicted Reactivity: Gorilla (at least 90% immunogen sequence identity)	ELISA, Western Blot, Immunohistochemistry

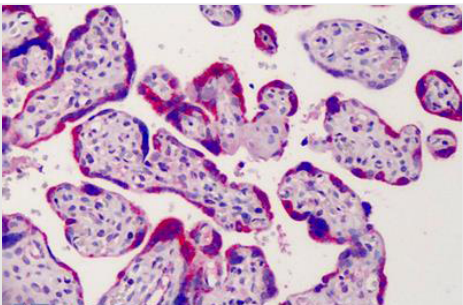
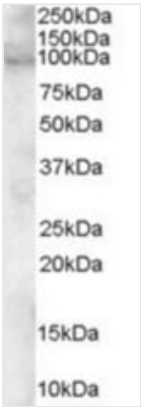
PRODUCT SYNONYMS

ADAM12; Polyclonal Antibody; Goat Polyclonal to Human ADAM12; Anti-ADAM12 Antibody (N-Terminus) IHC-plus; MCMPMItna; MCMP; MLTN; Meltrin-alpha; MLTNA; Human ADAM12; anti-ADAM12 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human Predicted Reactivity: Gorilla (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human ADAM12. This antibody is expected to recognise both the longer membrane-bound form of human ADAM12 (NP_003465.3) and the shorter soluble ADAM12 splice isoform (NP_067673.2). This antibody does not cross-react with other ADAMS.
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	909
Applicable Applications for anti-ADAM12 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide AARPLPVSPARALC from the N-terminus of human ADAM12 (NP_003465.3; NP_067673.2). Percent identity with other species by BLAST analysis: Human (100%), Gorilla (92%), Monkey (85%).
Immunogen Type	Synthetic peptide
Immunogen	ADAM12 antibody was raised against synthetic peptide AARPLPVSPARALC from the N-terminus of human ADAM12 (NP_003465.3; NP_067673.2). Percent identity with other species by BLAST analysis: Human (100%), Gorilla (92%), Monkey (85%).
Antigen Modification	N-Terminus
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-ADAM12 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 3.75 ug/ml.

WB (Western Blot)
Antibody staining (0.1 ug/ml) of human heart lysate (RIPA buffer, 30 ug total protein per lane). Primary incubated for 1 hour. Detected by Western blot of chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-ADAM12 antibody	ADAM12 is a Metallopeptidase M12B type protease.
Product Categories/Family for anti-ADAM12 antibody	Family: Protease ; Subfamily: Metallopeptidase M12B

NCBI AND UNIPROT INFORMATION

NCBI GI #	73747885
NCBI GeneID	8038
NCBI Accession #	NP_003465.3
NCBI GenBank Nucleotide #	NM_003474.5
UniProt Accession #	O43184 ; O60470 ; Q5JRP0 ; Q5JRP1 ; Q6P9E3 ; Q6UWB0
Molecular Weight	80,263 Da
NCBI Official Full Name	disintegrin and metalloproteinase domain-containing protein 12 isoform 1 preproprotein
NCBI Official Synonym Full Names	ADAM metallopeptidase domain 12
NCBI Official Symbol	ADAM12
NCBI Official Synonym Symbols	MCMP; MLTN; CAR10; MLTNA; MCMPMLtna; ADAM12-OT1
NCBI Protein Information	disintegrin and metalloproteinase domain-containing protein 12; meltrin-alpha; metalloprotease-disintegrin 12 transmembrane
UniProt Protein Name	Disintegrin and metalloproteinase domain-containing protein 12
UniProt Gene Name	ADAM12
UniProt Synonym Gene Names	MLTN; ADAM 12
UniProt Entry Name	ADA12_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.