

Rabbit ADAM12 Polyclonal Antibody | anti-ADAM12 antibody

ADAM12 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280546	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

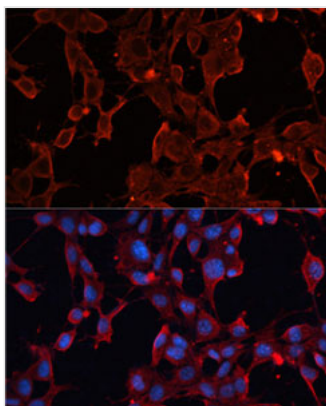
PRODUCT SYNONYMS

ADAM12; Polyclonal Antibody; ADAM12 Polyclonal Antibody; anti-ADAM12 antibody

PRODUCT SPECIFICATIONS

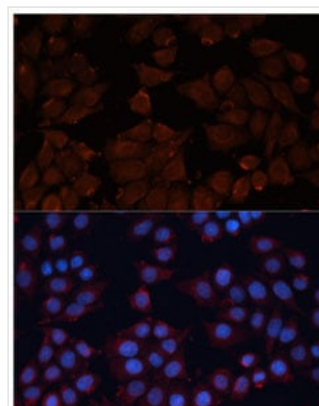
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	737
Applicable Applications for anti-ADAM12 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 589-738 of human ADAM12 (NP_067673.2).
Immunogen	Recombinant protein of human ADAM12
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



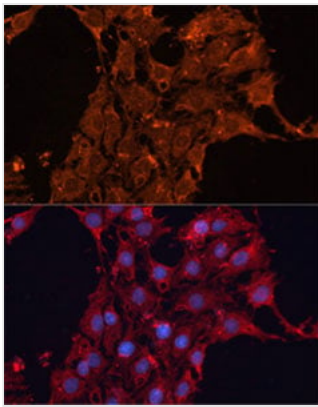
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using ADAM12 antibody (AAA280546) at dilution of 1:100. Blue: DAPI for nuclear staining.



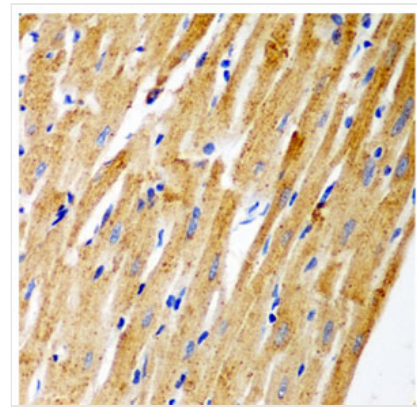
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using ADAM12 antibody (AAA280546) at dilution of 1:100. Blue: DAPI for nuclear staining.



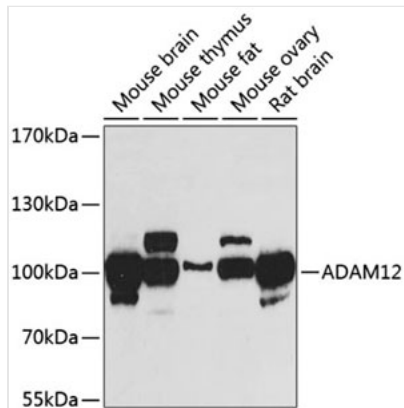
IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using ADAM12 antibody (AAA280546) at dilution of 1:100. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat heart using ADAM12 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ADAM12 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-ADAM12 antibody

This gene encodes a member of a family of proteins that are structurally related to snake venom disintegrins and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. Expression of this gene has been used as a maternal serum marker for pre-natal development. Alternative splicing results in multiple transcript variants encoding different isoforms. Shorter isoforms are secreted, while longer isoforms are membrane-bound form.

NCBI AND UNIPROT INFORMATION

NCBI GI #	572882491
NCBI GeneID	8038
NCBI Accession #	NP_001275903.1
NCBI GenBank Nucleotide #	NM_001288974.1
UniProt Accession #	O43184; O60470; Q5JRP0; Q5JRP1; Q6P9E3; Q6UWB0
Molecular Weight	Observed MW: 100kDa Calculated MW: 80kDa/99kDa
NCBI Official Full Name	disintegrin and metalloproteinase domain-containing protein 12 isoform 4 preproprotein
NCBI Official Synonym Full Names	ADAM metalloproteinase domain 12

NCBI Official Symbol	ADAM12
NCBI Official Synonym Symbols	MCMP; MLTN; CAR10; MLTNA; MCMPMItna; ADAM12-OT1
NCBI Protein Information	disintegrin and metalloproteinase domain-containing protein 12
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/adam12-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/280546>