

## Goat ADAM12 Polyclonal Antibody | anti-ADAM12 antibody

Goat anti-ADAM12 Antibody

| CATALOG # | HOST | REACTIVITY                                              | APPLICATIONS                              |
|-----------|------|---------------------------------------------------------|-------------------------------------------|
| AAA61072  | Goat | Tested: Human; Expected from sequence similarity: Human | Immunohistochemistry, Western Blot, ELISA |

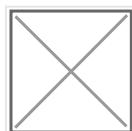
### PRODUCT SYNONYMS

ADAM12; Polyclonal Antibody; Goat anti-ADAM12 Antibody; Goat Anti-Adam12 (mouse) Antibody; MCMP; MLTN; MLTNA; MCMPMLtna; a disintegrin and metalloproteinase domain 12 (meltrin alpha); meltrin alpha; A disintegrin and metalloproteinase domain 12 (Meltrin-alpha; mouse; homolog of); ADAM metalloproteinase domain 12; RP11-295J3.5; ADAM12 antibody; MCMP antibody; MLTN antibody; MLTNA antibody; MCMPMLtna antibody; a disintegrin and metalloproteinase domain 12 (meltrin alpha) antibody; meltrin alpha antibody; homolog of) antibody; ADAM metalloproteinase domain 12 antibody; RP11-295J3.5 antibody; anti-ADAM12 antibody

### PRODUCT SPECIFICATIONS

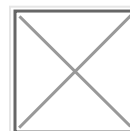
|                                                  |                                                                                                                                                                                                                            |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Goat                                                                                                                                                                                                                       |
| Reactivity                                       | Tested: Human; Expected from sequence similarity: Human                                                                                                                                                                    |
| Clonality                                        | Polyclonal                                                                                                                                                                                                                 |
| Purity/Purification                              | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.                                                                                      |
| Form/Format                                      | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.                                                                                                                            |
| Concentration                                    | 100ug specific antibody in 200ul (varies by lot)                                                                                                                                                                           |
| Sequence                                         | AARPLPVSPA RALC                                                                                                                                                                                                            |
| Sequence Length                                  | 909                                                                                                                                                                                                                        |
| Applicable Applications for anti-ADAM12 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)                                                                                                                                                       |
| Immunogen                                        | Peptide with sequence AARPLPVSPARALC, from the N Terminus of the protein sequence according to NP_003465.3; NP_067673.2.                                                                                                   |
| Epitope                                          | N Terminus                                                                                                                                                                                                                 |
| Note                                             | 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. |
| Preparation and Storage                          | Aliquot and store at -20 degree C. Minimize freezing and thawing.                                                                                                                                                          |

### IMAGES



#### IHC (Immunohistochemistry)

3.8ug/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



#### WB (Western Blot)

Staining (0.1ug/ml) of human heart lysate (RIPA buffer, 30ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| NCBI GI #                        | 73747885                                                                               |
| NCBI GeneID                      | 8038                                                                                   |
| NCBI Accession #                 | NP_003465.3; NP_067673.2                                                               |
| NCBI GenBank Nucleotide #        | NM_003474.5                                                                            |
| 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                         |
| UniProt Protein Name             | Disintegrin and metalloproteinase domain-containing protein 12                         |
| UniProt Gene Name                | <b>ADAM12</b>                                                                          |
| 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/adam12-antibody-immunohistochemistry-western-blot-peptide-elisa-elisa/61072>