

Product datasheet for TA302969

ADAM12 Goat Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: ELISA: 1:64,000. WB: 0.1-0.3µg/ml.

Reactivity: Human
Host: Goat
Isotype: IgG

Clonality: Polyclonal

Immunogen: Peptide with sequence AARPLPVSPARALC, from the N Terminus of the protein sequence

according to NP_003465; NP_067673.

Formulation: Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum

albumin.

Concentration: lot specific

Purification: Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20 $^{\circ}$ C. Minimize

freezing and thawing.

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Gene Name: ADAM metallopeptidase domain 12

Database Link: NP 003465

Entrez Gene 8038 Human

<u>043184</u>



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ADAM12 Goat Polyclonal Antibody - TA302969

Background: This gene encodes a member of the ADAM (a disintegrin and metalloprotease) protein family.

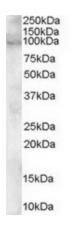
Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. This gene has two alternatively spliced transcripts: a shorter secreted form and a longer membrane-bound form. The shorter form is found to stimulate myogenesis.

[provided by RefSeq]

Synonyms: ADAM12-OT1; CAR10; MCMP; MCMPMltna; MLTN; MLTNA

Protein Families: Druggable Genome, Protease, Secreted Protein, Transmembrane

Product images:



TA302969 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.