

GOAT ANTI-ADAM12 (MOUSE) ANTIBODY

SKU: EB11060



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	a disintegrin and metalloproteinase domain 12 (meltrin alpha) a disintegrin and metalloprotease domain 12 a disintegrin and metalloproteinase domain 12 (meltrin alpha) ADAM 12 disintegrin and metalloproteinase domain-containing protein 12 KIAA4001 meltrin alpha meltrin-alpha mKIAA4001 Mltina OTTMUSP00000023508 Adam12
Accession ID	NP_031426.2
Blocking Peptide	EBP11060
Immunogen	Peptide with sequence KKTTMEKLRCVHP, from the internal region of the protein sequence according to NP_031426.2.
Product Comments	This antibody is expected to recognize both reported isoforms (NP_003465.3; NP_067673.2).
Peptide Sequence	KKTTMEKLRCVHP
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Mouse, Rat, Pig
Human Gene ID	8038
Mouse Gene ID	11489
Rat Gene ID	679837
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:4000.

**Western
Blot**

Preliminary experiments gave an approx 37kDa band in Mouse and Rat Skeletal Muscle lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 98.5kDa according to NP_031426.2. The 37kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

**Application
Type**

Pep-ELISA

DOCUMENTS

- [Data Sheet](#)