

Goat anti-Adam12 (mouse) Antibody

Item Number	dAP-2485
Target Molecule	Principle Name: Adam12 (mouse); Official Symbol: Adam12; All Names and Symbols: Adam12; a disintegrin and metallopeptidase domain 12 (meltrin alpha); KIAA4001; Mltna; mKIAA4001; ADAM 12; OTTMUSP00000023508; a disintegrin and metalloprotease domain 12; a disintegrin and metalloproteinase domain 12 (meltrin alpha); disintegrin and meta; Accession Number (s): NP_031426.2; Human Gene ID(s): 8038; Non-Human GeneID(s): 11489 (mouse) 679837 (rat)
Immunogen	KKTTMEKLRVHP, is from internal region This antibody is expected to recognize both reported isoforms (NP_003465.3; NP_067673.2).
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 4000.
Western Blot	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 calculat
IHC	
Reference	Reference(s): Ray BK, Dhar S, Shakya A, Ray A. Z-DNA-forming silencer in the first exon regulates human ADAM-12 gene expression. Proc Natl Acad Sci U S A. 2011 Jan 4;108(1):103-8..PMID: 21173277->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**