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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB11060 - Goat Anti-Adam12 (mouse) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal 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, Mltna, OTTMUSP00000023508, Adam12

Official Symbol: Adam12

Accession Number(s): NP_031426.2

Human GeneID(s): [8038](#)

Non-Human GeneID(s): 11489 (mouse), 679837 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_003465.3; NP_067673.2).

Immunogen

Peptide with sequence KKTMEKLRVHP, from the internal region of the protein sequence according to NP_031426.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

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°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: 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?

Species Reactivity

Tested:

Expected from sequence similarity: Mouse, Rat, Pig