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Datasheet for ABIN768640

anti-ADAM12 antibody (Internal Region)

Overview

Quantity:	100 µg
Target:	ADAM12
Binding Specificity:	Internal Region
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ADAM12 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	Adam12 (mouse)
Immunogen:	Peptide with sequence KKTTMEKLRCVHP, from the internal region of the protein sequence according to NP_031426.2.
Sequence:	KKTTMEKLRC VHP
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_003465.3, NP_067673.2).
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

Target:	ADAM12
Alternative Name:	Adam12 (ADAM12 Products)
Background:	Adam12, a disintegrin and metallopeptidase domain 12 (meltrin alpha), KIAA4001, Mltina, mKIAA4001, ADAM 12, OTTMUSP00000023508, a disintegrin and metalloprotease domain 12, a disintegrin and metalloproteinase domain 12 (meltrin alpha), disintegrin and meta
Molecular Weight:	37kDa
Gene ID:	8038, 11489, 679837
NCBI Accession:	NP_031426
Pathways:	EGFR Signaling Pathway

Application Details

Application Notes:	Western Blot: Preliminary experiments gave an approx 37 kDa band in Mouse and Rat Skeletal Muscle lysates after 1 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculat Peptide ELISA: antibody detection limit dilution 1:4000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.