

Datasheet for ABIN1781942
anti-ADAM12 antibody (AA 225-239)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	ADAM12
Binding Specificity:	AA 225-239
Reactivity:	Human, Mouse, Rat, Pig
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ADAM12 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	ADAM12 (aa225-239)
Sequence:	REFQRQGKDL EKVKQ
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_003465.3, NP_067673.2).
Cross-Reactivity:	Cow, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	ADAM12
Alternative Name:	ADAM12 (ADAM12 Products)
Background:	ADAM12, ADAM metallopeptidase domain 12, MCMP, MCMPMltna, MLTN, MLTNA, disintegrin and metalloproteinase domain-containing protein 12, meltrin-alpha
Molecular Weight:	Expected molecular weight: 90+60 kDa
Gene ID:	8038, 11489, 679837
NCBI Accession:	NP_003465 , NP_067673
Pathways:	EGFR Signaling Pathway

Application Details

Application Notes:	Western Blot: Approx 100 kDa band observed in Human Heart lysates and approx 90+60 kDa bands observed in Mouse, Rat and Pig Heart lysates (calculated MW of 99.5 kDa according to NP_003465.3 and of 80.4 kDa according to NP_067673.2). Recommended concentration Peptide ELISA: antibody detection limit dilution 1:128000.
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.