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anti-ADAM12 antibody (N-Term)

2 Images



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Overview

Alternative Name:

Quantity:	100 μL
Target:	ADAM12
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAM12 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	A synthesized peptide derived from human ADAM12, corresponding to a region within N-
	terminal amino acids.
Isotype:	IgG
Specificity:	ADAM12 Antibody detects endogenous levels of total ADAM12.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling
	Resin (Thermo Fisher Scientific).
Target Details	
Target:	ADAM12

ADAM12 (ADAM12 Products)

Target Details

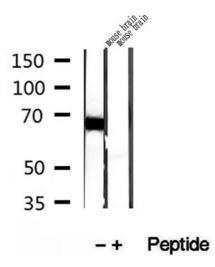
Background:	Description: Involved in skeletal muscle regeneration, specifically at the onset of cell fusion.
	Also involved in macrophage-derived giant cells (MGC) and osteoclast formation from
	mononuclear precursors (By similarity).
	Gene: ADAM12
Molecular Weight:	97 kDa,68 kDa
Gene ID:	8038
UniProt:	043184
Pathways:	EGFR Signaling Pathway

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200
Restrictions:	For Research Use only

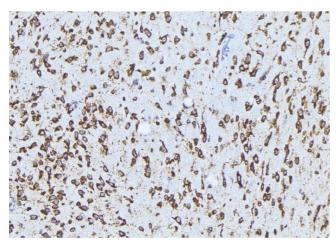
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts of mouse brain tissue, using ADAM12 antibody.



Immunohistochemistry

Image 2. ABIN6272861 at 1/100 staining Mouse brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22¡ãC. An HRP conjugated goat anti-rabbit antibody was used as the secondary