Datasheet for ABIN2855098
anti-ADAM15 antibody (N-Term)

3 Images

Overview

Quantity:	100 µL
Target:	ADAM15
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAM15 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the N-terminus region of human ADAM15. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to ADAM15 (ADAM metallopeptidase domain 15) ADAM15 antibody [N1N2], N-term
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	ADAM15

Target Details

Alternative Name:	ADAM metallopeptidase domain 15 ([ADAM15 Products](#))
Background:	The protein encoded by this gene is a member of the ADAM (a disintegrin and metalloproteinase) protein family. ADAM family members are type I transmembrane glycoproteins known to be involved in cell adhesion and proteolytic ectodomain processing of cytokines and adhesion molecules. This protein contains multiple functional domains including a zinc-binding metalloprotease domain, a disintegrin-like domain, as well as a EGF-like domain. Through its disintegrin-like domain, this protein specifically interacts with the integrin beta chain, beta 3. It also interacts with Src family protein-tyrosine kinases in a phosphorylation-dependent manner, suggesting that this protein may function in cell-cell adhesion as well as in cellular signaling. Multiple alternatively spliced transcript variants encoding distinct isoforms have been observed. Cellular Localization: Membrane
Molecular Weight:	93 kDa
Gene ID:	8751
UniProt:	[Q13444](#)

Application Details

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Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: HepG2 , NIH-3T3
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.347 mg/mL
Buffer:	1XPBS (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C

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Handling

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Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images
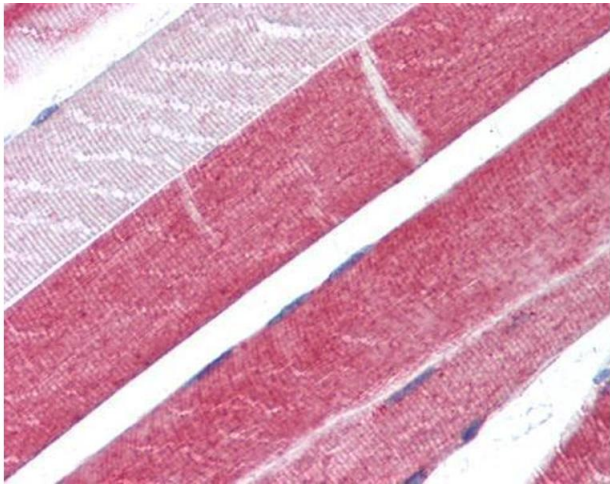
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded human skeletal muscle , using ADAM15, antibody(10 µg/ml).
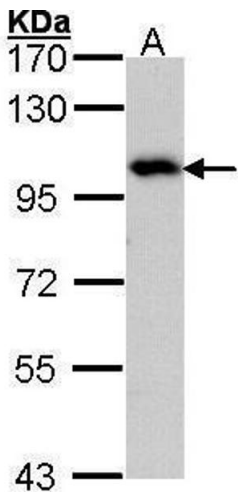
Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: Hep G2 , 7.5% SDS PAGE antibody diluted at 1:1000
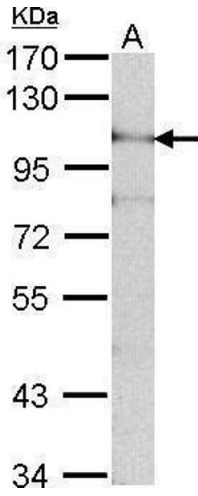
Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A: NIH-3T3 7.5% SDS PAGE ADAM15 antibody antibody diluted at 1:1000