

Datasheet for ABIN2855021
anti-ADAM17 antibody (C-Term)



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4 Images

Overview

Quantity:	100 µL
Target:	ADAM17
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAM17 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human ADAM17. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to ADAM17 (ADAM metallopeptidase domain 17) ADAM17 antibody [C2C3], C-term
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

Target:	ADAM17
Alternative Name:	ADAM metalloproteinase domain 17 (ADAM17 Products)
Background:	<p>This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biologic processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The protein encoded by this gene functions as a tumor necrosis factor-alpha converting enzyme, binds mitotic arrest deficient 2 protein, and also plays a prominent role in the activation of the Notch signaling pathway.</p> <p>Cellular Localization: Membrane</p>
Molecular Weight:	93 kDa
Gene ID:	6868
UniProt:	P78536
Pathways:	Notch Signaling , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Response to Growth Hormone Stimulus

Application Details

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: K562 , Raw264.7 , Rat2 , HeLa Validation: KO/KD
Restrictions:	For Research Use only

Handling

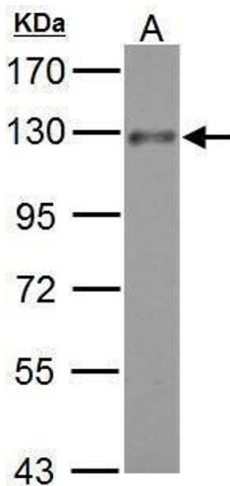
Format:	Liquid
Concentration:	1.21 mg/mL
Buffer:	1XPBS pH 7, 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: 4 °C, -20 °C

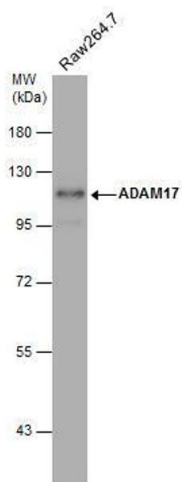
Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Validation report #104235 for Cleavage Under Targets and Release Using Nuclease (CUT&RUN)



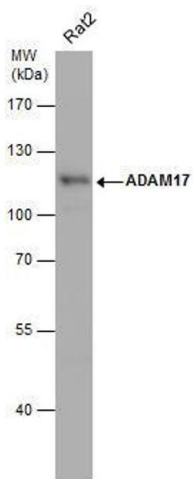
Western Blotting

Image 1. WB Image ADAM17 antibody [C2C3], C-term detects ADAM17 protein by Western blot analysis. A. 30 µg K562 whole cell lysate/extract | 7.5 % SDS-PAGE ADAM17 antibody [C2C3], C-term , dilution: 1:500



Western Blotting

Image 2. WB Image Whole cell extract (30 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with ADAM17 antibody [C2C3], C-term , diluted at 1:500.



Western Blotting

Image 3. WB Image Whole cell extract (30 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with ADAM17 antibody [C2C3], C-term , diluted at 1:500.

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Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2855021.