

Datasheet for ABIN184721  
**anti-ADAM17 antibody (C-Term)**



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4 Images

## Overview

Quantity:	100 µg
Target:	ADAM17
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ADAM17 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	ADAM17 / TACE
Immunogen:	Peptide with sequence LQRQNRVDSKETEC, from the C Terminus of the protein sequence according to NP_003174.3.
Sequence:	LQRQNRVDSK ETEC
Isotype:	IgG
Specificity:	This antibody is expected to recognise isoform 1 (represented by NP_003174.3) and not isoform 2 (represented by NP_068604).
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

## Product Details

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Grade: Verified

## Target Details

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Target: ADAM17

Alternative Name: ADAM17 ([ADAM17 Products](#))

Background: ADAM17, TACE, a disintegrin and metalloproteinase domain 17 (tumor necrosis factor, alpha, converting enzyme), CSVP, cSVP, CD156b, CD156b, MGC71942, TACE, cSVPADAM metalloproteinase domain 17, TNF-alpha converting enzyme, a disintegrin and metalloproteinase

Gene ID: 6868, 11491

NCBI Accession: [NP\\_003174](#)

Pathways: [Notch Signaling](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Response to Growth Hormone Stimulus](#)

## Application Details

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Application Notes: Western Blot: Approx 125-130 kDa band observed in HeLa, Jurkat and U937 lysates (predicted MW of kDa according to NP\_003174.3 but glycosylated). Recommended for use at 0.1-1 µg/mL. Primary incubation was for 1 hour. The observed molecular weights correspond to the expected molecular weights. Peptide ELISA: antibody detection limit dilution 1:32000.

Restrictions: For Research Use only

## Handling

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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.

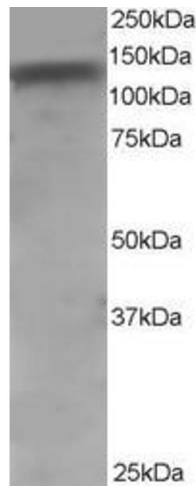
Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

## Handling

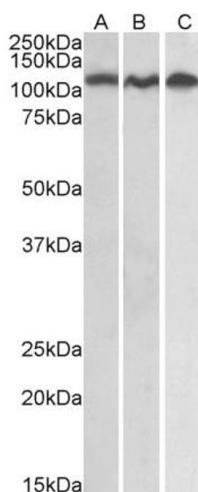
Storage Comment: Aliquot and store at  $-20^{\circ}\text{C}$ , with minimal freeze/thawing. A working aliquot may be refrigerated at  $4^{\circ}\text{C}$  for a few weeks and still remain viable.

## Images



### Western Blotting

**Image 1.** (ABIN184721) staining ( $0.2\ \mu\text{g}/\text{mL}$ ) of Human HeLa lysate (RIPA buffer,  $35\ \mu\text{g}$  total protein per lane). Detected by chemiluminescence.



### Western Blotting

**Image 2.** ABIN184721 staining ( $0.3\ \mu\text{g}/\text{ml}$ ) of Daudi (A), Jurkat (B) and HeLa (C) lysates ( $35\ \mu\text{g}$  total protein in RIPA buffer). Detected by chemiluminescence.



### Western Blotting

**Image 3.** ABIN184721 staining ( $0.2\ \mu\text{g}/\text{ml}$ ) of Human Testis lysate (RIPA buffer,  $35\ \mu\text{g}$  total protein per lane). Detected by chemiluminescence.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN184721.