

ADAM17 Polyclonal Antibody

Product Details

Size	100 µg
Species Reactivity	Human, Rat
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A 17 amino acid peptide near the carboxy terminus of human TACE
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS
Contains	0.02% sodium azide
Storage conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C
RRID	AB_11153365

Applications	Tested Dilution	Publications
Western Blot (WB)	0.5 µg/mL	1 Publication
Immunocytochemistry (ICC/IF)	10 µg/mL	-

Product Specific Information

A suggested positive control is Hela cell lysate.

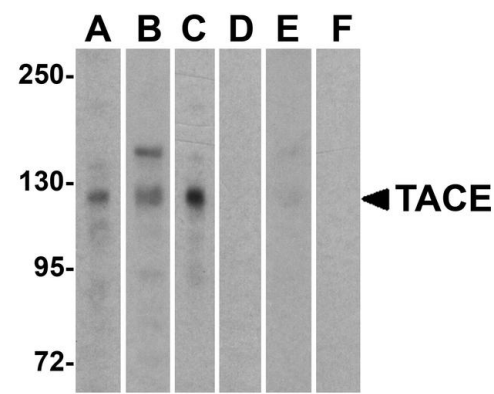
A 17 amino acid peptide near the carboxy terminus of human TACE.

The PA5-19872 immunogen is located within the last 50 amino acids of TACE.

Predicted molecular ~ 93kD. In Western blot applications, this antibody has been observed to detect a band at: 93-125kD (Post-modification: 9 N-linked glycosylation).

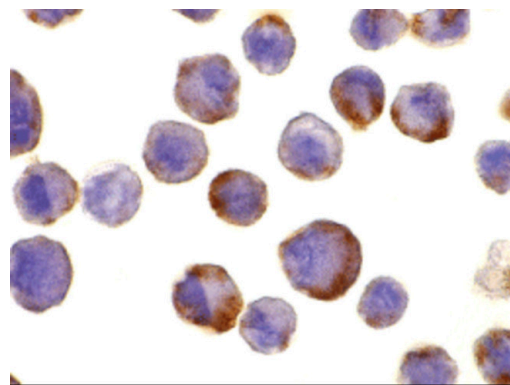
Predicted species reactivity based on immunogen sequence: mouse (94.1%).

Product Images For ADAM17 Polyclonal Antibody



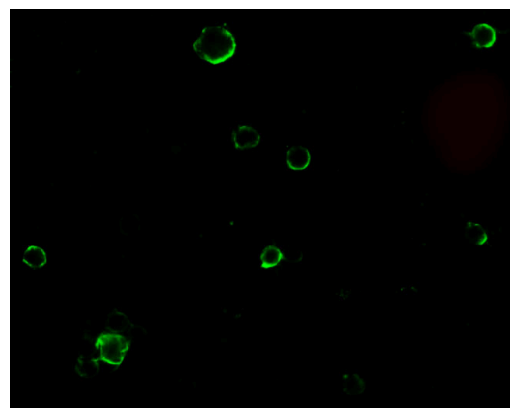
ADAM17 Antibody (PA5-19872) in WB

Western Blot Validation of TACE in Human Cell Lines. Loading: 15 µg of lysates per lane. Antibodies: ADAM17 Polyclonal Antibody (Product # PA5-19872) (1 µg/mL), 1h incubation at RT in 0.05 NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10,000 dilution. Lanes: HeLa (A,D), Jurkat (B, E), Raji (C,F) in the absence (A-C) or presence (E-F) of blocking peptide.



ADAM17 Antibody (PA5-19872) in ICC/IF

Immunocytochemistry of HeLa cells using ADAM17 Polyclonal Antibody (Product # PA5-19872) at 10 µg/mL. Cells were fixed with formaldehyde and blocked with 0.1 serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4°C. A goat anti-rabbit IgG H&L (HRP) at 1:250 was used as secondary. Counter stained with Hematoxylin.



ADAM17 Antibody (PA5-19872) in ICC/IF

Immunofluorescent analysis of 4% paraformaldehyde-fixed HeLa cells labeling TACE with ADAM17 Polyclonal Antibody (Product # PA5-19872) at 10 µg/mL, followed by goat anti-rabbit IgG secondary antibody at 1:500 dilution (green).

[View more figures on thermofisher.com](https://www.thermofisher.com)

Western Blot (1)

Journal of virology

MAGI-1 PDZ2 Domain Blockade Averts Adenovirus Infection via Enhanced Proteolysis of the Apical Coxsackievirus and Adenovirus Receptor.

Year
2021

Species
Human

"PA5-19872 was used in Western Blot to show that the interactions between the MAGI-1 PDZ2 domain and CAREx8 would decrease the apical CAREx8 expression level and prevent AdV infection."

Authors: Alghamri MS, Sharma P, Williamson TL, Readler JM, Yan R, Rider SD, Hostetler HA, Cool DR, Kolawole AO, Excoffon KJDA

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