

Product Datasheet

TACE/ADAM17 Antibody - BSA Free NBP2-15281

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 3

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NBP2-15281

TACE/ADAM17 Antibody - BSA Free

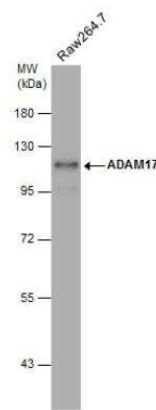
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	93 kDa

Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit TACE/ADAM17 Antibody - BSA Free (NBP2-15281) is a polyclonal antibody validated for use in IHC and WB. Anti-TACE/ADAM17 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6868
Gene Symbol	ADAM17
Species	Human, Mouse, Rat
Reactivity Notes	Chicken (83%).
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of human TACE/ADAM17. The exact sequence is proprietary.

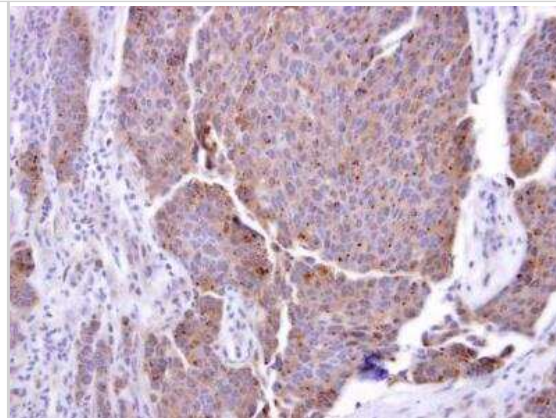
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Knockout Validated

Images

Western Blot: TACE/ADAM17 Antibody [NBP2-15281] - Whole cell extract (30 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with ADAM17 antibody [C2C3], C-term diluted at 1:500.



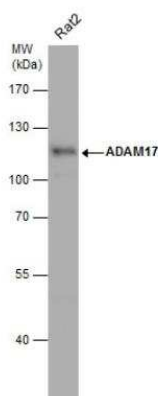
Immunohistochemistry-Paraffin: TACE/ADAM17 Antibody [NBP2-15281] - Human breast carcinoma dilution: 1:250. ADAM17 antibody [C2C3], C-term dilution: 1:250. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



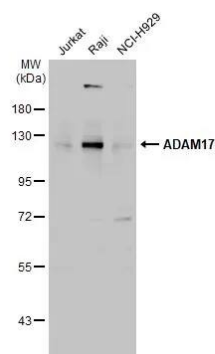
Western Blot: TACE/ADAM17 Antibody [NBP2-15281] - 30 ug K562 whole cell lysate/extract, 7.5% SDS-PAGE gel, dilution 1:500.



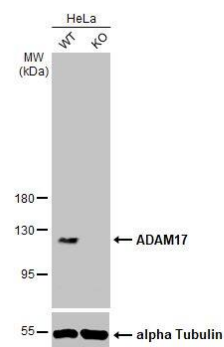
Western Blot: TACE/ADAM17 Antibody [NBP2-15281] - Whole cell extract (30 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with ADAM17 antibody [C2C3], C-term diluted at 1:500.



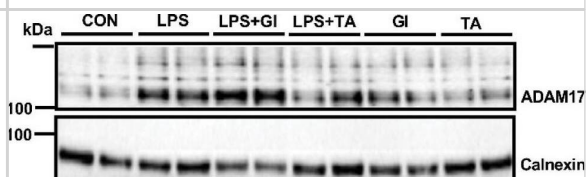
Western Blot: TACE/ADAM17 Antibody [NBP2-15281] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with TACE/ADAM17 antibody [C2C3], C-term (NBP2-15281) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



Western Blot: TACE/ADAM17 Antibody [NBP2-15281] - Wild-type (WT) and ADAM17 knockout (KO) HeLa (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with ADAM17 antibody [C2C3], C-term diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



The effect of ADAM10 inhibitor (GI254023X) or ADAM17 inhibitor (TAPI-1) on the release of TNF- α , TNFR-1 and IL-6R by constitutively and under inflammation BV2 microglia. BV2 microglia were incubated with GI254023X (5 μ M) or TAPI-1 (25 μ M) for 24 h in the absence or presence of 1000 ng/mL LPS. The medium was collected for ELISA measurements and cell lysates were lysed for WB analysis. The concentration of TNF- α (A), sTNFR-1 (B), IL-6 (C) and sIL-6R (D) released in medium (n = 6 from 6 independent experiments). (E) The representative immunoblots of ADAM10 protein expression in BV2 cell lysate. (F–H) The quantification of ADAM10 expression in BV2 cell lysate (n = 10 from 5 independent experiments). (I) The representative immunoblots of ADAM17 expression in BV2 cell lysate. (J) The quantification results of ADAM17 in BV2 cell lysate (n = 8 from 4 independent experiments). Calnexin was used as a loading control. Black: constitutive cytokine release or protein expression set at 1; red: LPS-induced cytokine release or protein expression; blue: effect of ADAMs inhibitor on constitutive cytokine release or protein expression; green: effect of ADAMs inhibitor on LPS-induced cytokine release or protein expression. Results were expressed as mean \pm SEM. * p < 0.05, ** p < 0.01, *** p < 0.001, **** p < 0.0001. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/36232346>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Balasubramanian N, James TD, Selvakumar GP et al. Repeated ethanol exposure and withdrawal alters angiotensin-converting enzyme 2 expression in discrete brain regions: Implications for SARS-CoV-2 neuroinvasion Alcoholism: Clinical and Experimental Research 2023-02-01 [PMID: 36529893] (Western Blot, Immunohistochemistry-Paraffin, Human)

Y Zheng, NZ Prince, LN Peralta Ma, S Ahmed, J Garsen, P Perez Pard, AD Kraneveld The Autism Spectrum Disorder-Associated Bacterial Metabolite p-Cresol Derails the Neuroimmune Response of Microglial Cells Partially via Reduction of ADAM17 and ADAM10 International Journal of Molecular Sciences, 2022-09-20;23(19):. 2022-09-20 [PMID: 36232346] (Western Blot, Immunohistochemistry-Paraffin, Human)

Sharma A, Bender S, Zimmermann M et al. Secretome Signature Identifies ADAM17 as Novel Target for Radiosensitization of Non-Small Cell Lung Cancer. Clin. Cancer Res. 2016-04-13 [PMID: 27076628] (IHC-P, WB, Human)



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Products Related to NBP2-15281

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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