

Product Datasheet

TRIM30 Antibody - BSA Free NBP2-41087

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-41087

TRIM30 Antibody - BSA Free

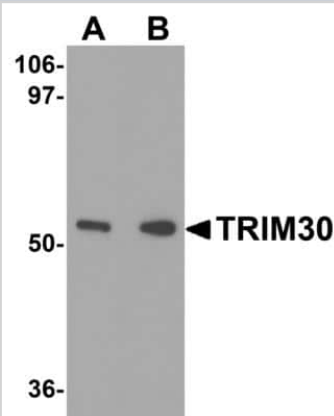
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	105 kDa

Product Description	
Description	Novus Biologicals Rabbit TRIM30 Antibody - BSA Free (NBP2-41087) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-TRIM30 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	20128
Species	Mouse, Rat
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Human (80%)
Immunogen	Antibody was raised against a 21 amino acid synthetic peptide near the amino terminus of the mouse TRIM30. The immunogen is located within amino acids 110 - 160 of TRIM30. Amino Acid Sequence: RSQEHARGHQTALIEEVDQEYK

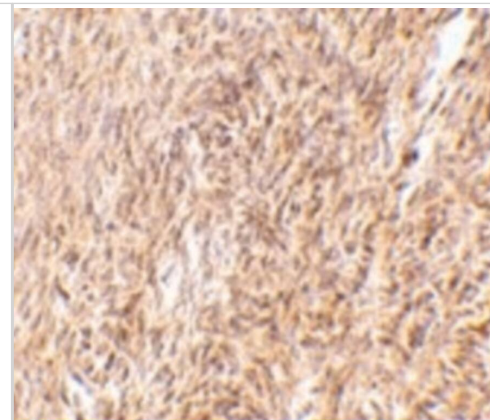
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1-2 ug/ml, ELISA, Immunohistochemistry 10 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/ml, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
Application Notes	Use in Immunohistochemistry-Frozen reported in scientific literature (PMID: 29079839).

Images

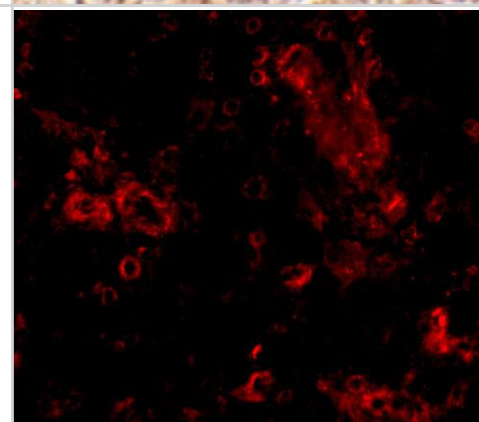
Western Blot: TRIM30 Antibody [NBP2-41087] - Analysis of TRIM30 in mouse heart tissue lysate with TRIM30 antibody at (A) 1 and (B) 2 ug/mL.



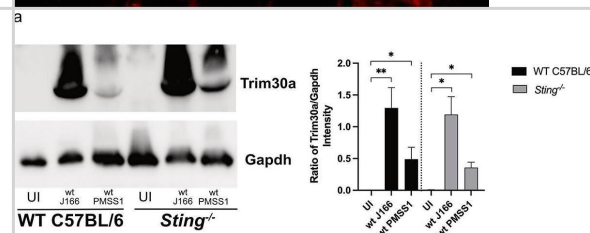
Immunohistochemistry: TRIM30 Antibody - BSA Free [NBP2-41087] - Immunohistochemistry of TRIM30 in mouse ovary tissue with TRIM30 antibody at 10 u/mL.



Immunocytochemistry/ Immunofluorescence: TRIM30 Antibody - BSA Free [NBP2-41087] - Immunofluorescence of TRIM30 in Human Ovary cells with TRIM30 antibody at 20 ug/mL.

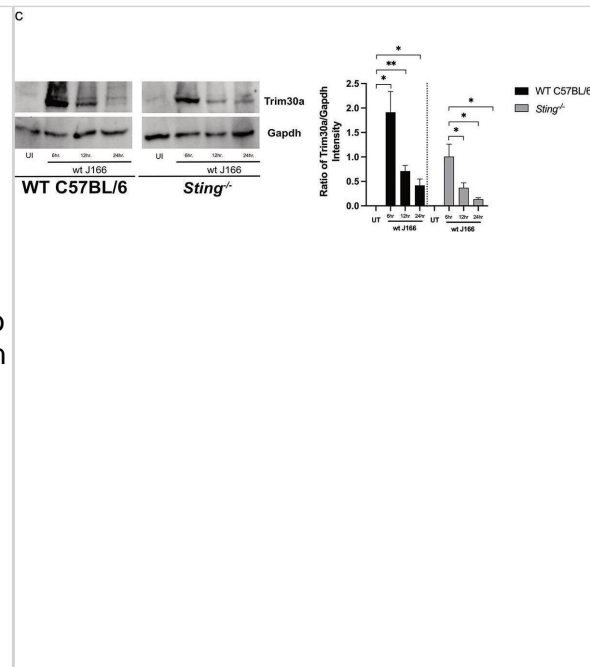


Trim30a is upregulated by *H. pylori* in a STING-dependent manner. Murine gastric organoid monolayers or bone marrow derived dendritic cells (BMDC) derived from wild-type (WT) C57BL/6 or *Sting*^{-/-} mice were challenged with PBS alone (UI) or wild-type (wt) *H. pylori* strain J166 or PMSS1 at MOI 100:1 for 24 hours. (a) Trim30a was quantified by Western blot analysis in co-cultured murine gastric organoid. Representative Western blots and densitometric analysis normalizing levels of Trim30a to Gapdh. (b) RT-PCR analysis of Trim30a mRNA levels in uninfected and *H. pylori*-infected wild-type and *Sting*^{-/-} BMDCs. Data are represented as relative gene expression normalized to levels of Gapdh gene expression. (c) Trim30a was quantified by Western blot analysis in co-cultured BMDCs. Representative Western blots and densitometric analysis normalizing levels of Trim30a to Gapdh. In each experiment, conditions were tested at least 3 times and student's t-tests were used to determine statistical significance between groups. **p* < .05, ***p* < .01, ns = not significant. ###*p* < .01, ####*p* < .001 #####*p* < .0001 compared to untreated. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/35905376>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



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Representative Western blots and densitometric analysis normalizing levels of Trim30a to Gapdh. (b) RT-PCR analysis of Trim30a mRNA levels in uninfected and *H. pylori*-infected wild-type and *Sting*^{-/-} BMDCs. Data are represented as relative gene expression normalized to levels of Gapdh gene expression. (c) Trim30a was quantified by Western blot analysis in co-cultured BMDCs. Representative Western blots and densitometric analysis normalizing levels of Trim30a to Gapdh. In each experiment, conditions were tested at least 3 times and student's t-tests were used to determine statistical significance between groups. **p* < .05, ***p* < .01, ns = not significant. ##*p* < .01, ###*p* < .001 ####*p* < .0001 compared to untreated. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/35905376>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Dooyema SDR, Noto JM, Wroblewski LE et al. *Helicobacter pylori* actively suppresses innate immune nucleic acid receptors Gut microbes 2022-07-29 [PMID: 35905376] (WB, IF/IHC, ICC/IF, Mouse)

Scoles DR, Dansithong W, Pflieger LT et al. ALS-associated genes in SCA2 mouse spinal cord transcriptomes Hum. Mol. Genet. 2020-04-20 [PMID: 32307524] (WB, Mouse)

Tyzack GE, Hall CE, Sibley CR et al. A neuroprotective astrocyte state is induced by neuronal signal EphB1 but fails in ALS models. Nat Commun. 2017-10-27 [PMID: 29079839] (IHC-Fr)



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Products Related to NBP2-41087

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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