

Product Datasheet

TWEAK/TNFSF12 Antibody - BSA Free NBP1-76695-0.025mg

Unit Size: 0.025 mg

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

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NBP1-76695-0.025mg

TWEAK/TNFSF12 Antibody - BSA Free

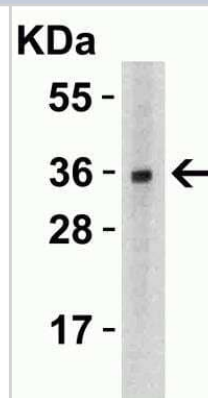
Product Information	
Unit Size	0.025 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS
Target Molecular Weight	27, 36 kDa

Product Description	
Description	Novus Biologicals Rabbit TWEAK/TNFSF12 Antibody - BSA Free (NBP1-76695) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-TWEAK/TNFSF12 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8742
Gene Symbol	TNFSF12
Species	Human, Mouse, Rat
Specificity/Sensitivity	Human TWEAK/TNFSF12 has 2 isoforms, including isoform 1 (249aa, 27kD) and isoform 2 (330aa, 36kD). Mouse TWEAK/TNFSF12 has one isoform (249aa, 27kD) and Rat TWEAK/TNFSF12 also has one isoform (249aa, 27kD).
Immunogen	Antibody was raised against recombinant human TWEAK/TNFSF12 protein.

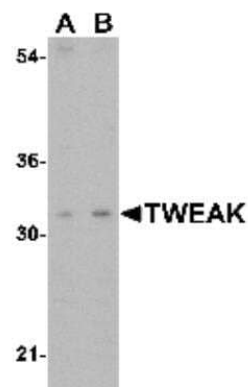
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.5-4 ug/mL, ELISA 1:100-1:2000, Immunohistochemistry 5-10 ug/mL, Immunocytochemistry/ Immunofluorescence 20 ug/mL, Immunohistochemistry-Paraffin 5 ug/ml

Images

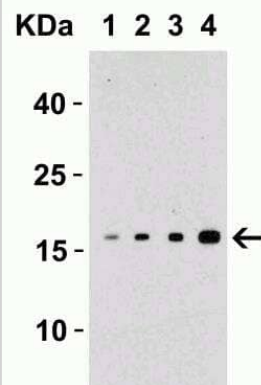
Western Blot: TWEAK/TNFSF12 Antibody [NBP1-76695] - Western Blot Validation in Mouse Liver Tissue Lysates. Loading: 15 ug of lysates per lane. Antibodies: TWEAK/TNFSF12 NBP1-76695 (2 ug/mL), 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



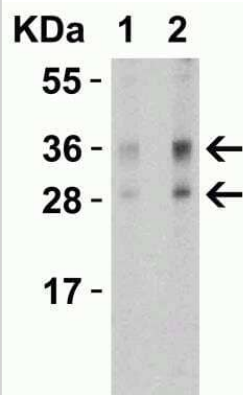
Western Blot: TWEAK/TNFSF12 Antibody [NBP1-76695] - Analysis of TWEAK in HeLa cell lysate with TWEAK antibody at (A) 1 and (B) 2 ug/mL.



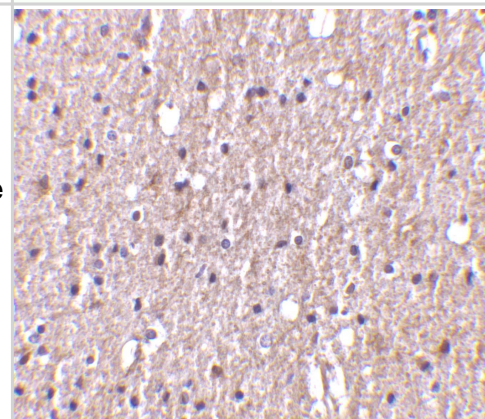
Western Blot: TWEAK/TNFSF12 Antibody [NBP1-76695] - Western Blot Validation with Recombinant Protein. Loading: 30 ng of human TWEAK recombinant protein per lane. Antibodies: TWEAK/TNFSF12 NBP1-76695 (Lane 1: 0.5 ug/mL, Lane 2: 1 ug/mL, Lane 3: 2 ug/mL and Lane 4: 4 ug/mL), 1h incubation at RT in 5% NFDN/TBST. Secondary: Goat antirabbit IgG HRP conjugate at 1:10000 dilution. Observed at around 18 kDa.



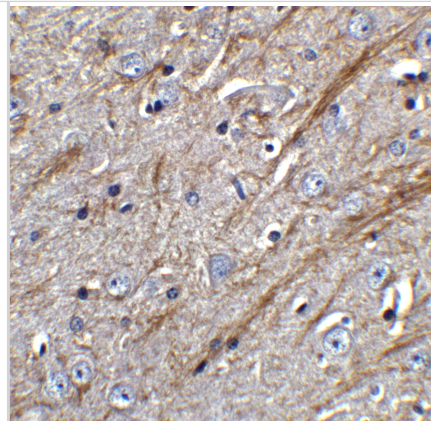
Western Blot: TWEAK/TNFSF12 Antibody [NBP1-76695] - Western Blot Validation in Mouse Pancreas Tissue Lysates. Loading: 15 ug of lysates per lane. Antibodies: TWEAK/TNFSF12 NBP1-76695 (Lane 1: 1 ug/mL and Lane 2: 2 ug/mL), 1h incubation at RT in 5% NFDN/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



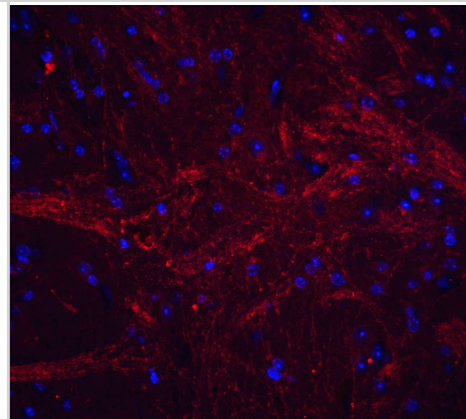
Immunohistochemistry: TWEAK/TNFSF12 Antibody - BSA Free [NBP1-76695] - Validation of TWEAK/TNFSF12 in Human Brain Tissue. Immunohistochemical analysis of paraffin-embedded human brain tissue using anti-TWEAK/TNFSF12 antibody at 10 ug/ml. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



Immunohistochemistry: TWEAK/TNFSF12 Antibody - BSA Free [NBP1-76695] - Validation of TWEAK/TNFSF12 in Mouse Brain Tissue.
 Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-TWEAK/TNFSF12 antibody at 5 u/ml. Tissue was fixed with formaldehyde and blocked with 10% 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 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



Immunocytochemistry/ Immunofluorescence: TWEAK/TNFSF12 Antibody - BSA Free [NBP1-76695] - Validation of TWEAK/TNFSF12 in Mouse Brain Tissue. Immunofluorescent analysis of 4% paraformaldehyde-fixed mouse brain tissue labeling TWEAK/TNFSF12 with at 20 u/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (red) and DAPI staining (blue).



Publications

Acharya S, Prabhu P, Patil V, Acharya AB Tumor necrosis factor-like weak inducer of apoptosis expression in healthy oral mucosa, oral dysplasia and oral squamous cell carcinoma J Oral Maxillofac Pathol 2019-12-01 [PMID: 31942116] (IF/IHC, Human)

Yang B, Yan P, Gong H et al. TWEAK protects cardiomyocyte against apoptosis in a PI3K/AKT pathway dependent manner. Am J Transl Res 2016-09-30 [PMID: 27725864] (IF/IHC, Rat)

Ruiz-Andres O, Suarez-Alvarez B, Sanchez-Ramos C et al. The inflammatory cytokine TWEAK decreases PGC-1a expression and mitochondrial function in acute kidney injury. Kidney Int. 2015-11-04 [PMID: 26535995] (WB, Mouse)



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