

Product Datasheet

TWEAK/TNFSF12 Antibody - BSA Free NBP1-76695

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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NBP1-76695

TWEAK/TNFSF12 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	Protein A purified
Buffer	PBS
Target Molecular Weight	27, 36 kDa

Product Description

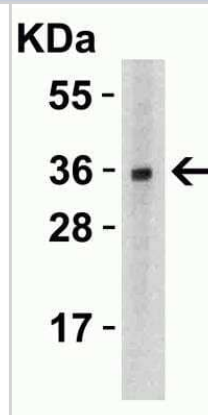
Host	Rabbit
Gene ID	8742
Gene Symbol	TNFSF12
Species	Human, Mouse, Rat
Specificity/Sensitivity	Human TWEAK/TNFSF12 has 2 isoforms, including isoform 1 (249aa, 27kD) and isoform 2 (330aa, 36kD). Mouse TWEAK/TNFSF12 has one isoform (249aa, 27kD) and Rat TWEAK/TNFSF12 also has one isoform (249aa, 27kD).
Immunogen	Antibody was raised against recombinant human TWEAK/TNFSF12 protein.

Product Application Details

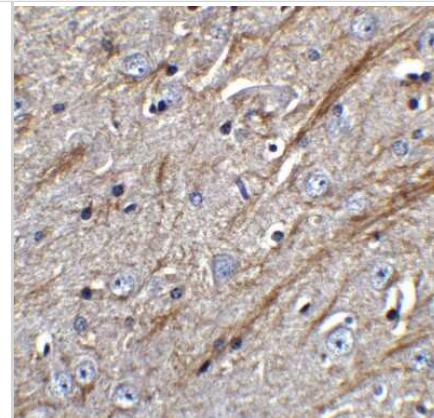
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.5-4 ug/mL, ELISA 1:100-1:2000, Immunohistochemistry 5-10 ug/mL, Immunocytochemistry/ Immunofluorescence 20 ug/mL, Immunohistochemistry-Paraffin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

Images

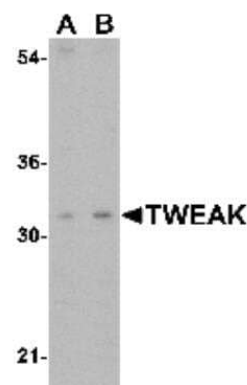
Western Blot: TWEAK/TNFSF12 Antibody [NBP1-76695] - Western Blot Validation in Mouse Liver Tissue Lysates. Loading: 15 ug of lysates per lane. Antibodies: TWEAK/TNFSF12 NBP1-76695 (2 ug/mL), 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



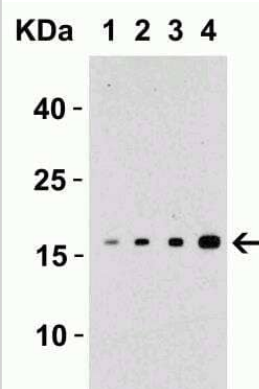
Immunohistochemistry: TWEAK/TNFSF12 Antibody [NBP1-76695] - Staining of TWEAK in mouse brain tissue with TWEAK antibody at 5 ug/mL.



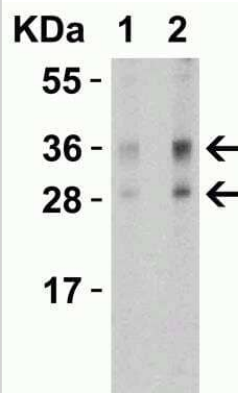
Western Blot: TWEAK/TNFSF12 Antibody [NBP1-76695] - Analysis of TWEAK in HeLa cell lysate with TWEAK antibody at (A) 1 and (B) 2 ug/mL.



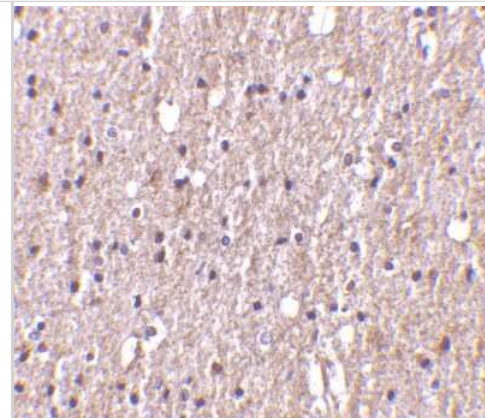
Western Blot: TWEAK/TNFSF12 Antibody [NBP1-76695] - Western Blot Validation with Recombinant Protein. Loading: 30 ng of human TWEAK recombinant protein per lane. Antibodies: TWEAK/TNFSF12 NBP1-76695 (Lane 1: 0.5 ug/mL, Lane 2: 1 ug/mL, Lane 3: 2 ug/mL and Lane 4: 4 ug/mL), 1h incubation at RT in 5% NFDm/TBST.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



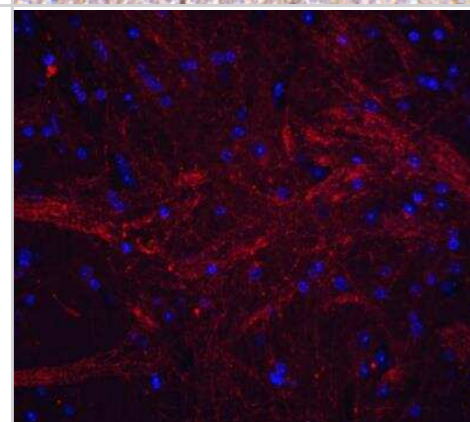
Immunohistochemistry-Paraffin: TWEAK/TNFSF12 Antibody [NBP1-76695] - Human brain tissue with TWEAK antibody at 10 ug/ml.



Immunohistochemistry: TWEAK/TNFSF12 Antibody [NBP1-76695] - Mouse brain tissue with TWEAK antibody at 20 ug/mL.

Red: TWEAK Antibody (3791)

Blue: DAPI staining



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-1α expression and mitochondrial function in acute kidney injury. Kidney Int. 2015-11-04 [PMID: 26535995] (WB, Mouse)



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Products Related to NBP1-76695

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-46811PEP	TWEAK/TNFSF12 Recombinant Protein Antigen

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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