

Product Datasheet

WIRE Antibody - BSA Free NBP1-86856

Unit Size: 0.1 ml

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

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NBP1-86856

WIRE 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	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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

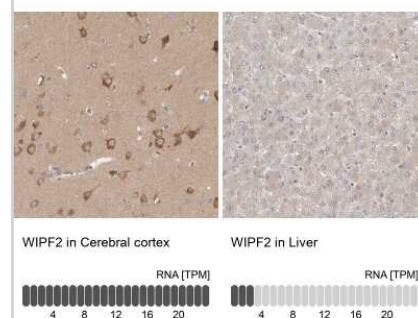
Description	Novus Biologicals Rabbit WIRE Antibody - BSA Free (NBP1-86856) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-WIRE Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	147179
Gene Symbol	WIPF2
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PPPYRMHGSEPPSRGKPPPPPSRTPAGPPPPPPPLRNGHRDSITTVRSFLDD FESKYSFHPVEDFPAPEEYKHFQ

Product Application Details

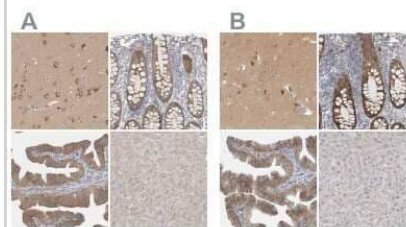
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

Immunohistochemistry-Paraffin: WIRE Antibody [NBP1-86856] - Analysis in human cerebral cortex and liver tissues using NBP1-86856 antibody. Corresponding WIRE RNA-seq data are presented for the same tissues.



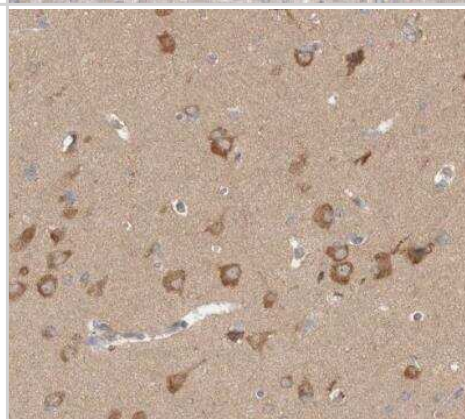
Immunohistochemistry-Paraffin: WIRE Antibody [NBP1-86856] - Staining of human cerebral cortex, colon, fallopian tube and liver using Anti-WIRE antibody NBP1-86856 (A) shows similar protein distribution across tissues to independent antibody NBP1-86858 (B).



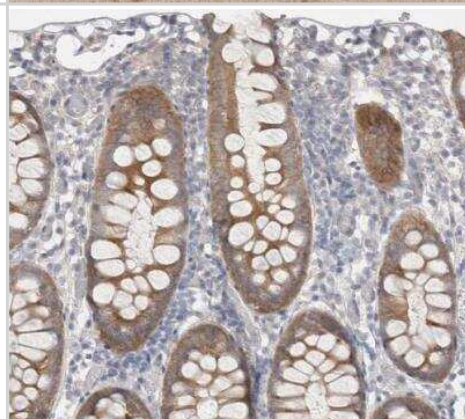
Immunohistochemistry-Paraffin: WIRE Antibody [NBP1-86856] - Staining of human liver shows very weak positivity in hepatocytes as expected.



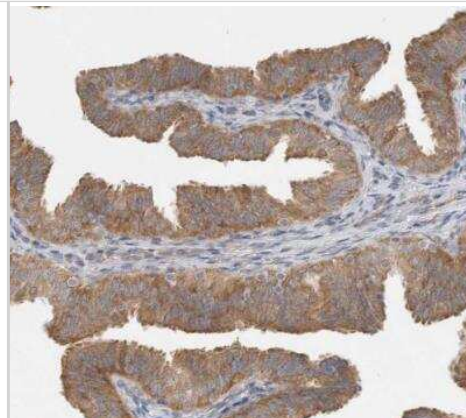
Immunohistochemistry-Paraffin: WIRE Antibody [NBP1-86856] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



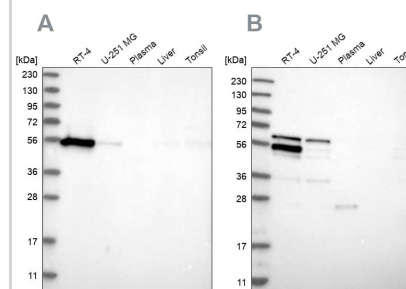
Immunohistochemistry-Paraffin: WIRE Antibody [NBP1-86856] - Staining of human colon shows moderate cytoplasmic positivity in glandular cells.



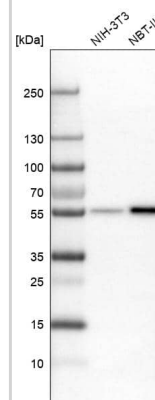
Immunohistochemistry-Paraffin: WIRE Antibody [NBP1-86856] - Staining of human fallopian tube shows moderate cytoplasmic positivity in glandular cells.



Analysis using Anti-WIPF2 antibody NBP1-86856 (A) shows similar pattern to independent antibody NBP1-86858 (B).



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Publications

Van Itallie CM, Tietgens AJ, Krystofiak E et al. A complex of ZO-1 and the BAR-domain protein TOCA-1 regulates actin assembly at the tight junction. *Mol Biol Cell* 2015-08-01 [PMID: 26063734] (ICC/IF, WB, Human)

Wu SK, Gomez GA, Michael M et al. Cortical F-actin stabilization generates apical-lateral patterns of junctional contractility that integrate cells into epithelia. *Nat Cell Biol* 2014-02-01 [PMID: 24413434] (ICC/IF)

Kovacs EM, Verma S, Ali RG et al. N-WASP regulates the epithelial junctional actin cytoskeleton through a non-canonical post-nucleation pathway. *Nat Cell Biol* 2011-07-01 [PMID: 21785420]



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Products Related to NBP1-86856

NBP1-86856PEP	WIRE Recombinant Protein Antigen
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

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