

Product Datasheet

TPPP/p25 Antibody - BSA Free

NBP2-34031

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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NBP2-34031

TPPP/p25 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

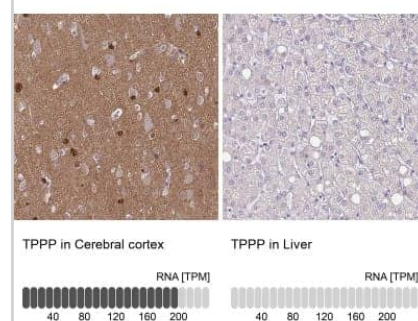
Description	Novus Biologicals Rabbit TPPP/p25 Antibody - BSA Free (NBP2-34031) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-TPPP/p25 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	11076
Gene Symbol	TPPP
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: AKKRFDKDSSEEAVREVRHLIEGKAPIISGVTKAISSPTVSRLTDTTKFTGSHK

Product Application Details

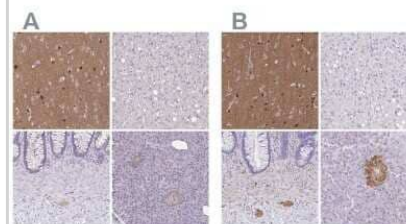
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

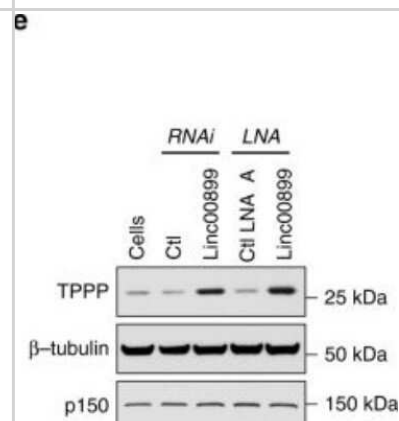
Immunohistochemistry-Paraffin: TPPP/p25 Antibody [NBP2-34031] - Analysis in human cerebral cortex and liver tissues using NBP2-34031 antibody. Corresponding TPPP RNA-seq data are presented for the same tissues.



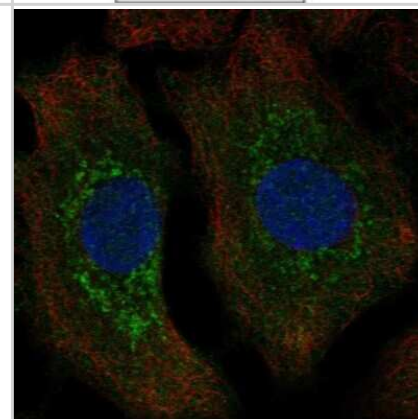
Immunohistochemistry-Paraffin: TPPP/p25 Antibody [NBP2-34031] - Staining of human cerebral cortex, liver, lower gastrointestinal and pancreas using Anti-TPPP antibody NBP2-34031 (A) shows similar protein distribution across tissues to independent antibody NBP1-80962 (B).



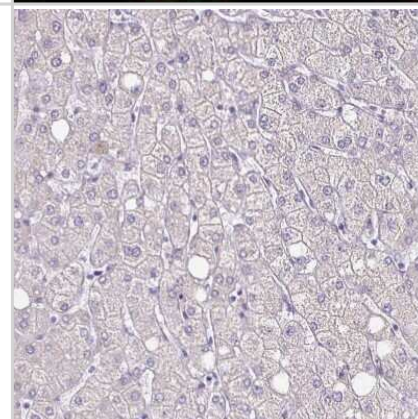
Western Blot: TPPP/p25 Antibody [NBP2-34031] - TPPP/p25, a microtubule-stabilising protein, is a target of linc00899 in regulation of mitosis. Representative western blot of TPPP/p25 levels after depletion of linc00899. beta-Tubulin and p150 were used as two loading controls. Image collected and cropped by CiteAb from the following publication (<https://www.nature.com/articles/s41467-020-14978-7>), licensed under a CC-BY license.



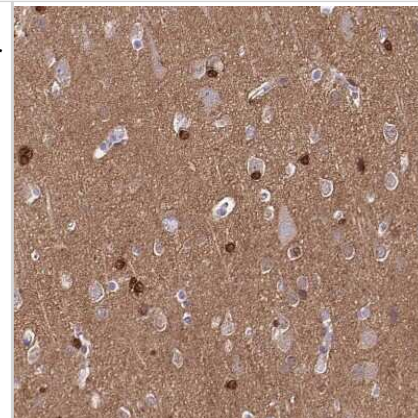
Immunocytochemistry/Immunofluorescence: TPPP/p25 Antibody [NBP2-34031] - Staining of human cell line A549 shows localization to cytosol & mitochondria. Antibody staining is shown in green.



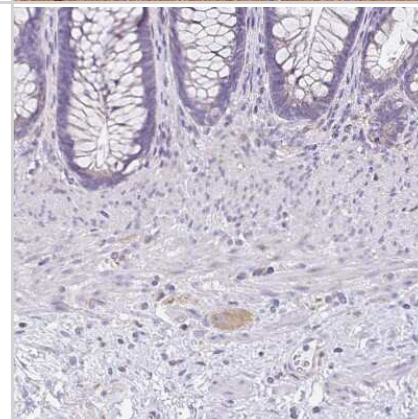
Immunohistochemistry-Paraffin: TPPP/p25 Antibody [NBP2-34031] - Staining of human liver shows no positivity in hepatocytes as expected.



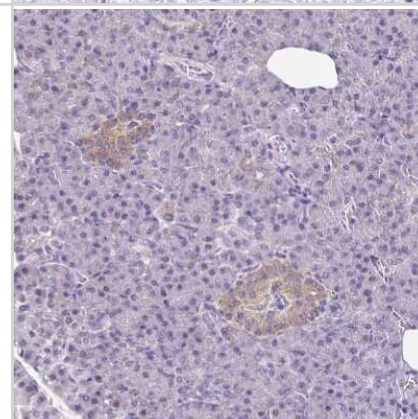
Immunohistochemistry-Paraffin: TPPP/p25 Antibody [NBP2-34031] - Staining of human cerebral cortex shows strong cytoplasmic and nuclear positivity in glial cells.



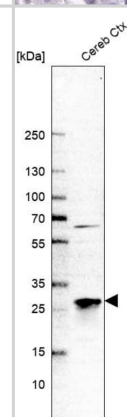
Immunohistochemistry-Paraffin: TPPP/p25 Antibody [NBP2-34031] - Staining of human lower gastrointestinal shows weak cytoplasmic positivity in peripheral ganglion.



Immunohistochemistry-Paraffin: TPPP/p25 Antibody [NBP2-34031] - Staining of human pancreas shows moderate cytoplasmic positivity in islets of Langerhans.



Analysis in human cerebral cortex tissue.



Publications

Stojic L, Lun ATL, Mascalchi P et al. A high-content RNAi screen reveals multiple roles for long noncoding RNAs in cell division Nat Commun 2020-04-15 [PMID: 32296040] (WB, Human)



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Products Related to NBP2-34031

NBP2-34031PEP	TPPP/p25 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

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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