

# Product Datasheet

## TPPP/p25 Antibody - BSA Free NBP1-80962

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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Updated 2/21/2025 v.20.1

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**NBP1-80962**

TPPP/p25 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol
<b>Target Molecular Weight</b>	26 kDa

**Product Description**

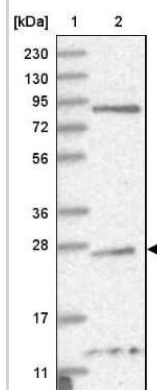
<b>Host</b>	Rabbit
<b>Gene ID</b>	11076
<b>Gene Symbol</b>	TPPP
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: SLESEGAGEGAAASPELSALEEAFRRFAVHGDARATGREMHGKNWSKLC

**Product Application Details**

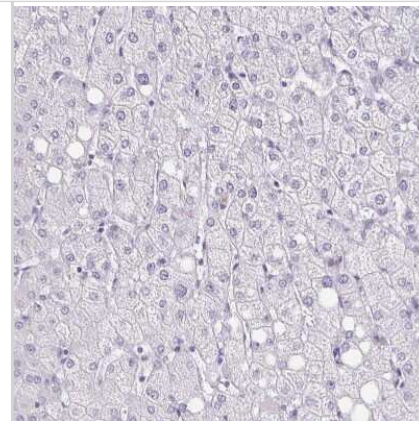
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:5000 - 1:10000, Immunohistochemistry-Paraffin 1:5000 - 1:10000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

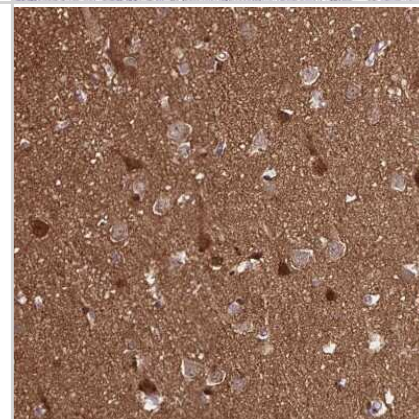
Western Blot: TPPP/p25 Antibody [NBP1-80962] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-592



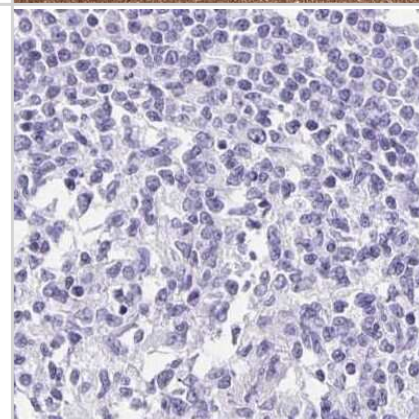
Immunohistochemistry-Paraffin: TPPP/p25 Antibody [NBP1-80962] -  
Staining of human liver shows no positivity in hepatocytes as expected.



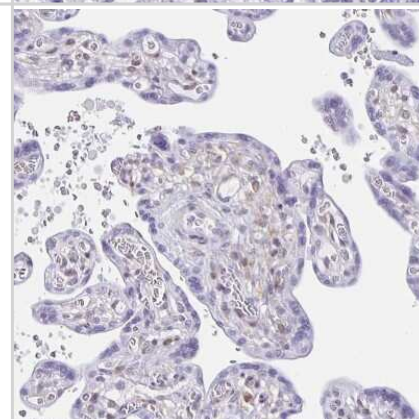
Immunohistochemistry-Paraffin: TPPP/p25 Antibody [NBP1-80962] -  
Staining of human cerebral cortex shows nuclear and cytoplasmic  
positivity in neurons.



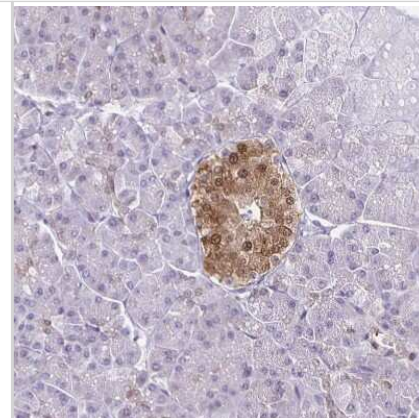
Immunohistochemistry-Paraffin: TPPP/p25 Antibody [NBP1-80962] -  
Staining of human lymph node.



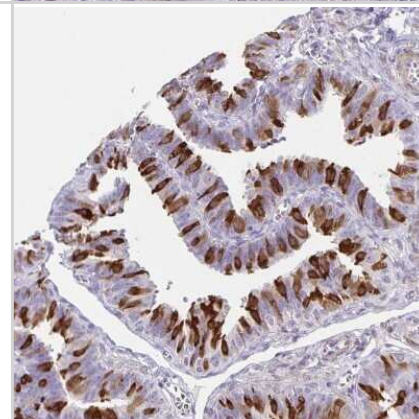
Immunohistochemistry-Paraffin: TPPP/p25 Antibody [NBP1-80962] -  
Staining of human placenta shows no positivity in trophoblastic cells and  
weak cytoplasmic and nuclear staining in Hofbauer cells.



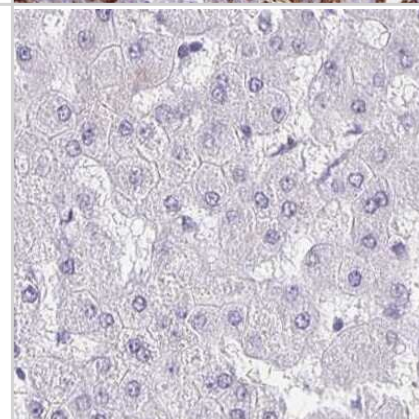
Immunohistochemistry-Paraffin: TPPP/p25 Antibody [NBP1-80962] - Staining of human pancreas shows cytoplasmic and nuclear positivity in islets of Langerhans.



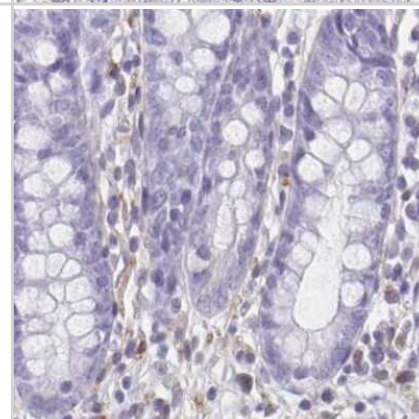
Immunohistochemistry-Paraffin: TPPP/p25 Antibody [NBP1-80962] - Staining of human fallopian tube shows cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: TPPP/p25 Antibody [NBP1-80962] - Staining of human liver.

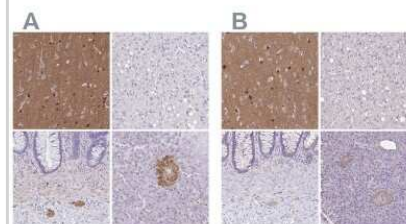


Immunohistochemistry-Paraffin: TPPP/p25 Antibody [NBP1-80962] - Staining of human colon.

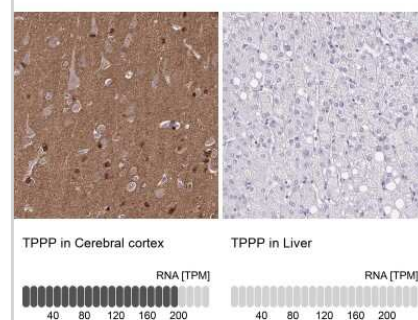




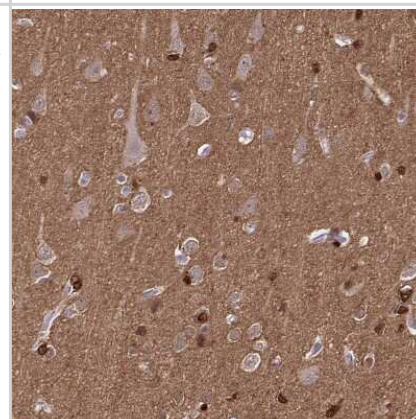
Immunohistochemistry-Paraffin: TPPP/p25 Antibody [NBP1-80962] - Staining of human cerebral cortex, liver, lower gastrointestinal and pancreas using Anti-TPPP antibody NBP1-80962 (A) shows similar protein distribution across tissues to independent antibody NBP2-34031 (B).



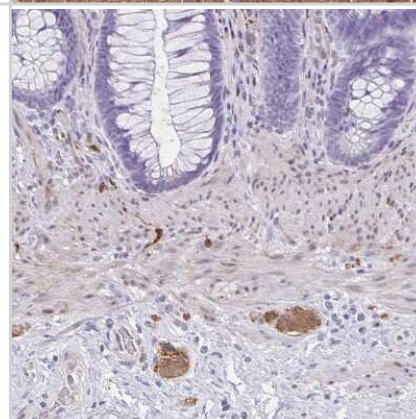
Immunohistochemistry-Paraffin: TPPP/p25 Antibody [NBP1-80962] - Analysis in human cerebral cortex and liver tissues using NBP1-80962 antibody. Corresponding TPPP RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: TPPP/p25 Antibody [NBP1-80962] - Staining of human cerebral cortex shows strong cytoplasmic and nuclear positivity in glial cells.



Immunohistochemistry-Paraffin: TPPP/p25 Antibody [NBP1-80962] - Staining of human lower gastrointestinal shows moderate cytoplasmic positivity in peripheral ganglion.





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### **Products Related to NBP1-80962**

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NBP1-80962PEP	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

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### **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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