

# Product Datasheet

## ITPKB Antibody - BSA Free

### NBP1-81589

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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**NBP1-81589**

ITPKB 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

**Product Description**

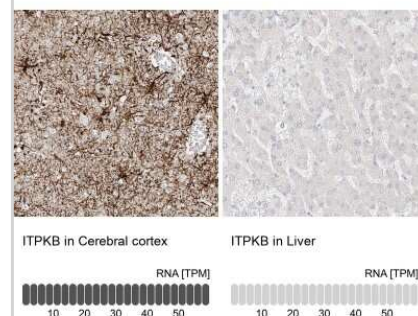
<b>Host</b>	Rabbit
<b>Gene ID</b>	3707
<b>Gene Symbol</b>	ITPKB
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (83%), Rat (82%)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: PDKPFLRKACSPSNIPAVIITDMGTQEDGALEETQGSPRGNLPLRKLSSSSASS TGFSSSYEDSEEDISSDPE

**Product Application Details**

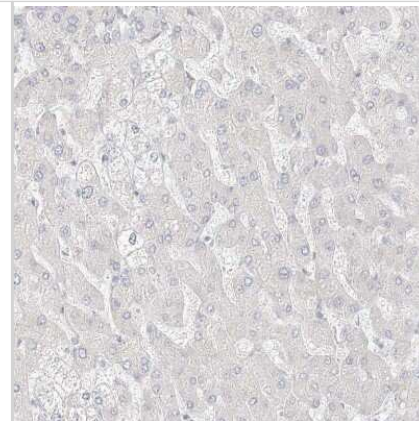
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Use in WB reported in scientific literature (PMID 26642205).

**Images**

Immunohistochemistry-Paraffin: ITPKB Antibody [NBP1-81589] - Analysis in human cerebral cortex and liver tissues. Corresponding ITPKB RNA-seq data are presented for the same tissues.



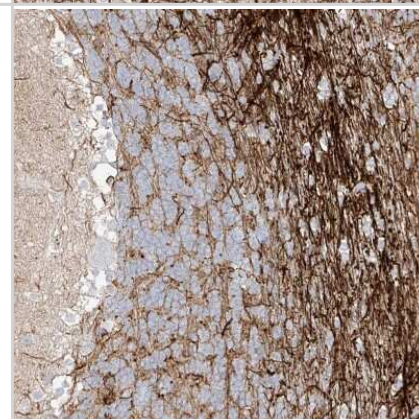
Immunohistochemistry-Paraffin: ITPKB Antibody [NBP1-81589] -  
Staining of human liver shows no positivity in hepatocytes as expected.



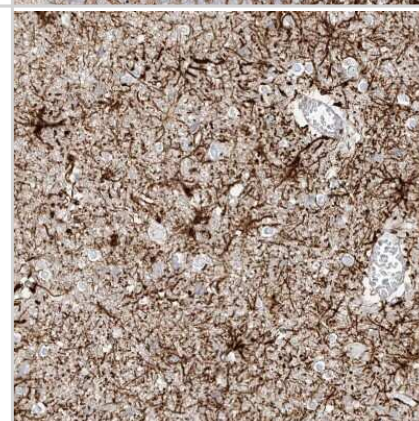
Immunohistochemistry-Paraffin: ITPKB Antibody [NBP1-81589] -  
Staining of human cerebral cortex shows strong positivity in astrocytes.



Immunohistochemistry-Paraffin: ITPKB Antibody [NBP1-81589] -  
Staining of human cerebellum shows strong cytoplasmic positivity in  
white matter.



Immunohistochemistry-Paraffin: ITPKB Antibody [NBP1-81589] -  
Staining of human cerebral cortex shows strong cytoplasmic positivity in  
glial cells.



## Publications

Jin Y, Liu Y, Zhang J et al. The Expression of miR-375 Is Associated with Carcinogenesis in Three Subtypes of Lung Cancer. PLoS ONE. 2015-12-08 [PMID: 26642205] (WB, Human)



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP1-81589**

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NBP1-81589PEP	ITPKB 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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