

Product Datasheet

USP30 Antibody - BSA Free

NBP1-81914

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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NBP1-81914

USP30 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

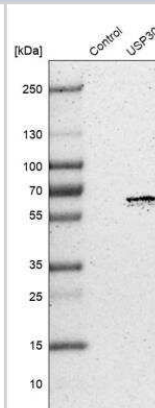
Host	Rabbit
Gene ID	84749
Gene Symbol	USP30
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (83%), Rat (81%). Reactivity reported in scientific literature (PMID: 24896179)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: IEAKGTLNGEKVEHQRTTFVKQLKLGKLPQCLCIHLQRLSWSSHGTPLKRHEH VQFNEFLMMDIYKYHLLGHKPSQHNPKLNKNPGPTLELQDGPAGPTPVLNQP GAPKTQIFMNGACSPSLLPTLSAPMPFPLPVPDYSSST

Product Application Details

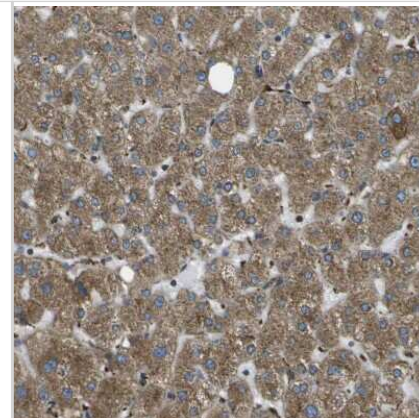
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

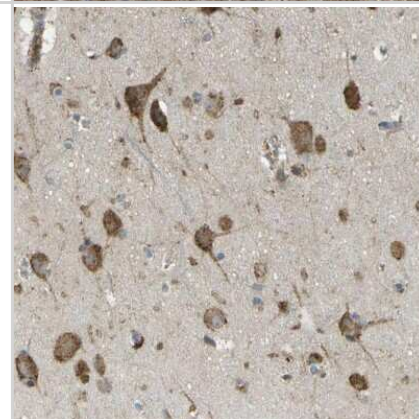
Western Blot: USP30 Antibody [NBP1-81914] - Analysis in control (vector only transfected HEK293T lysate) and USP30 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells, LY409983).



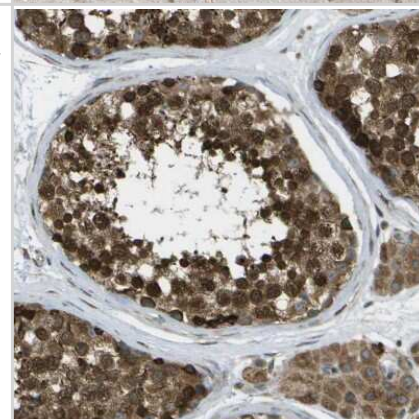
Immunohistochemistry-Paraffin: USP30 Antibody [NBP1-81914] - Staining of human liver shows moderate cytoplasmic positivity in hepatocytes.



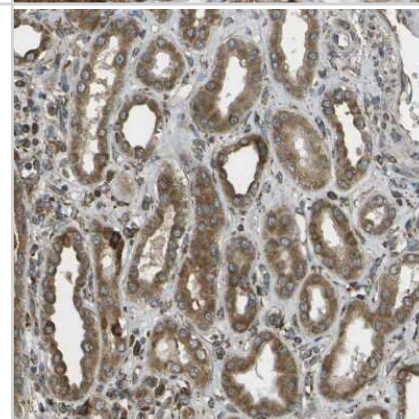
Immunohistochemistry-Paraffin: USP30 Antibody [NBP1-81914] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



Immunohistochemistry-Paraffin: USP30 Antibody [NBP1-81914] - Staining of human testis shows moderate to strong cytoplasmic positivity in cells in seminiferous ducts and in Leydig cells.



Immunohistochemistry-Paraffin: USP30 Antibody [NBP1-81914] - Staining of human kidney shows moderate to strong cytoplasmic positivity in renal tubules cells.



Publications

Bingol B, Tea JS, Phu L et al. The mitochondrial deubiquitinase USP30 opposes parkin-mediated mitophagy. Nature 2014-06-19 [PMID: 24896179]



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Products Related to NBP1-81914

NBP1-81914PEP	USP30 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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