

Product Datasheet

ACTL7B Antibody - BSA Free

NBP1-86973

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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Publications: 3

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NBP1-86973

ACTL7B Antibody - BSA Free

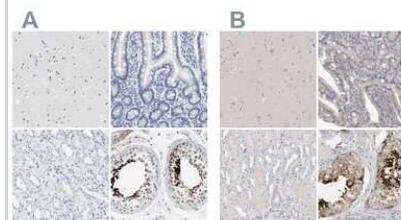
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit ACTL7B Antibody - BSA Free (NBP1-86973) is a polyclonal antibody validated for use in IHC and WB. Anti-ACTL7B Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10880
Gene Symbol	ACTL7B
Species	Human, Mouse
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23920108), Mouse reported in the literature (PMID: 26114544)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MATRNSPMPLGTAQGDPEAGTRPGPDASLRDTGAATQLKMKPRKVHNIKAV IIDLGSQYCKCGYAGEPRPTYFISSTVVKRCPEAADAGDTRKWTL

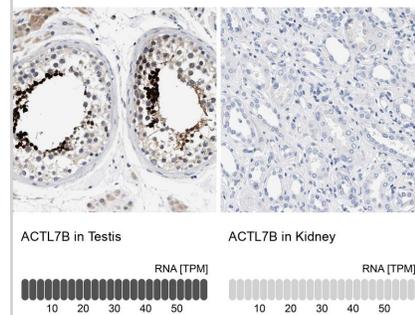
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

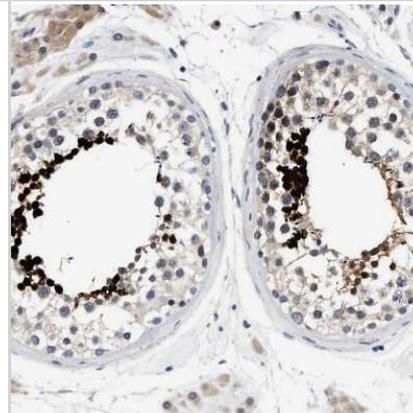
Immunohistochemistry-Paraffin: ACTL7B Antibody [NBP1-86973] - Staining of human cerebral cortex, duodenum, kidney and testis using Anti-ACTL7B antibody NBP1-86973 (A) shows similar protein distribution across tissues to independent antibody NBP1-86972 (B).



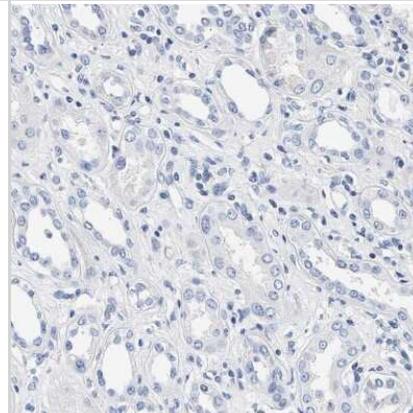
Analysis in human testis and kidney tissues Corresponding ACTL7B RNA-seq data are presented for the same tissues.



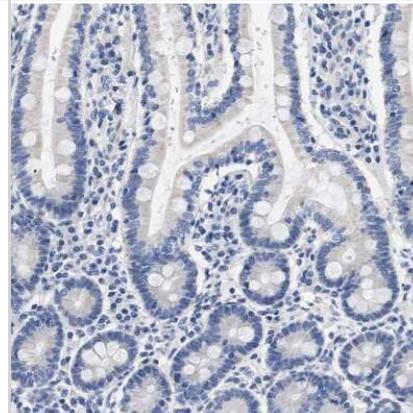
Immunohistochemistry-Paraffin: ACTL7B Antibody [NBP1-86973] - Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.



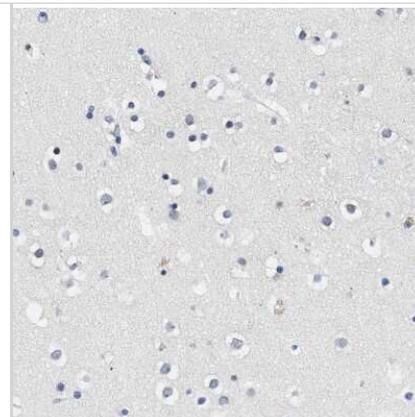
Immunohistochemistry-Paraffin: ACTL7B Antibody [NBP1-86973] - Staining of human kidney shows no positivity in cells in tubules as expected.



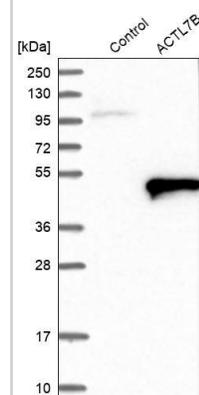
Immunohistochemistry-Paraffin: ACTL7B Antibody [NBP1-86973] - Staining of human duodenum shows no positivity in glandular cells as expected.



Immunohistochemistry-Paraffin: ACTL7B Antibody [NBP1-86973] - Staining of human cerebral cortex shows no positivity in neurons as expected.



Analysis in control (vector only transfected HEK293T lysate) and ACTL7B over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells).



Publications

Cadalbert LC, Ghaffar FN, Stevenson D et al. Mouse Tafazzin Is Required for Male Germ Cell Meiosis and Spermatogenesis. PLoS One 2015-01-01 [PMID: 26114544] (IF/IHC, WB, Mouse)

Djureinovic D, Fagerberg L, Hallstrom B et al. The human testis-specific proteome defined by transcriptomics and antibody-based profiling. Mol Hum Reprod 2014-06-01 [PMID: 24598113]

Andersson S, Konrad A, Ashok N et al. Antibodies Biotinylated Using a Synthetic Z-domain from Protein A Provide Stringent In Situ Protein Detection. J Histochem Cytochem 2013-11-01 [PMID: 23920108]



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Products Related to NBP1-86973

NBP1-86973PEP	ACTL7B Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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