

Product Datasheet

14-3-3 beta/alpha Antibody - BSA Free NBP1-80611

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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Updated 12/2/2025 v.20.1

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NBP1-80611

14-3-3 beta/alpha Antibody - BSA Free

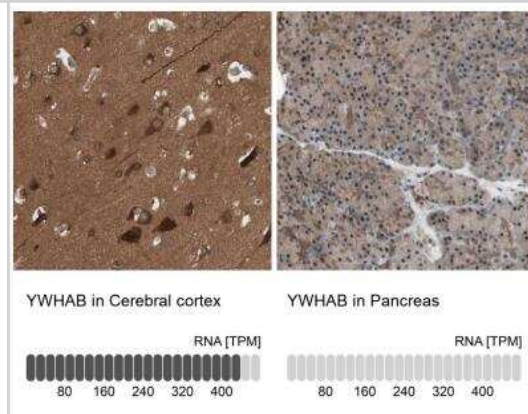
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit 14-3-3 beta/alpha Antibody - BSA Free (NBP1-80611) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-14-3-3 beta/alpha Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7529
Gene Symbol	YWHAB
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ICNDVLELLDKYLIPNATQPESKVFYFLKMKGDYFRYLSEVASGDNKQTTVSNSQ QAYQEAFEISKKE

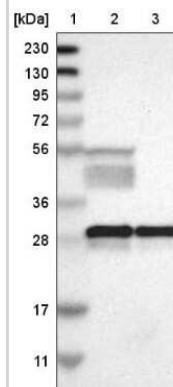
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

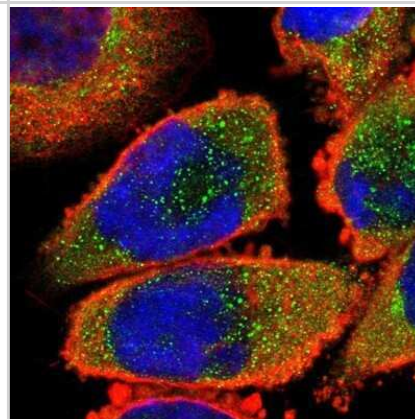
Immunohistochemistry-Paraffin: 14-3-3 beta/alpha Antibody [NBP1-80611] - Analysis in human cerebral cortex and pancreas tissues. Corresponding YWHAB RNA-seq data are presented for the same tissues.



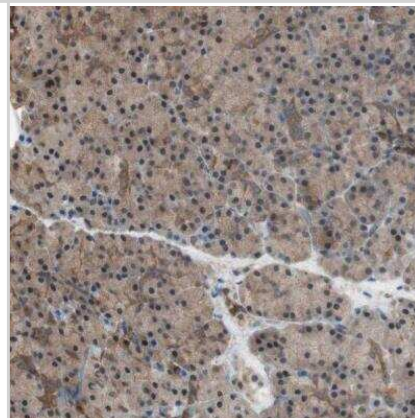
Western Blot: 14-3-3 beta/alpha Antibody [NBP1-80611] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp



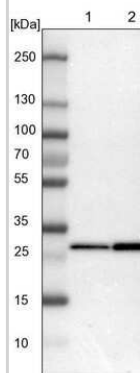
Immunocytochemistry/Immunofluorescence: 14-3-3 beta/alpha Antibody [NBP1-80611] - Staining of human cell line A-431 shows positivity in cytoplasm. Antibody staining is shown in green.



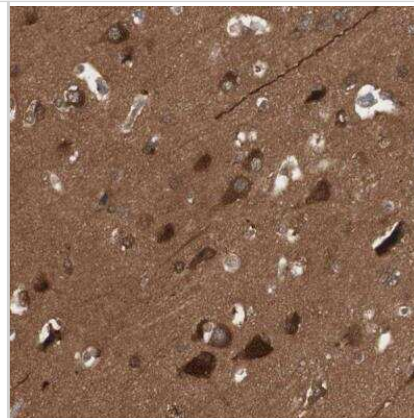
Immunohistochemistry-Paraffin: 14-3-3 beta/alpha Antibody [NBP1-80611] - Staining of human pancreas shows very weak positivity in exocrine glandular cells as expected.



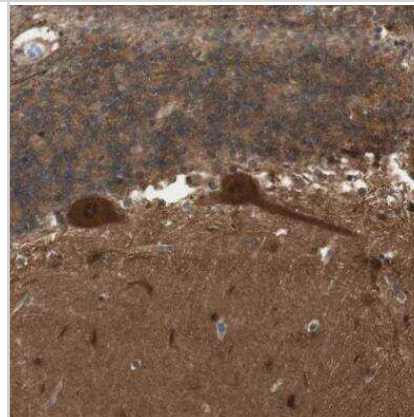
Western Blot: 14-3-3 beta/alpha Antibody [NBP1-80611] - Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells). Lane 2: NBT-II cell lysate (Rat Wistar bladder tumor cells).



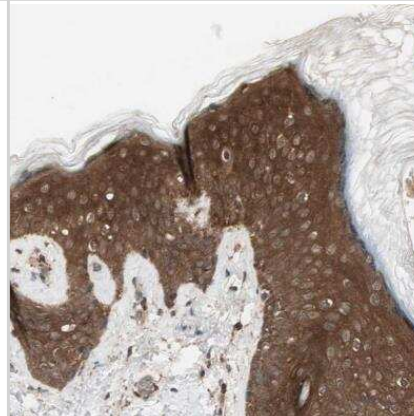
Immunohistochemistry-Paraffin: 14-3-3 beta/alpha Antibody [NBP1-80611] - Staining of human cerebral cortex shows moderate to strong cytoplasmic positivity in neurons.



Immunohistochemistry-Paraffin: 14-3-3 beta/alpha Antibody [NBP1-80611] - Staining of human cerebellum shows moderate to strong cytoplasmic positivity in Purkinje cells.



Immunohistochemistry-Paraffin: 14-3-3 beta/alpha Antibody [NBP1-80611] - Staining of human skin shows moderate to strong cytoplasmic positivity in epidermal cells.



Publications

Huimei C, Gabriel C, Nithya D et al. The E3 ubiquitin ligase WWP2 regulates pro-fibrogenic monocyte infiltration and activity in heart fibrosis Nature communications 2022-11-30 [PMID: 36450710] (WB, Mouse)

Yoshimoto T, Kittaka M, Doan AAP et al. Osteocytes directly regulate osteolysis via MYD88 signaling in bacterial bone infection Nature communications 2022-11-04 [PMID: 36333322] (IHC-P, Mouse)

O'Dwyer D, Ralton LD, O'Shea A, Murray GI. The Proteomics of Colorectal Cancer: Identification of a Protein Signature Associated with Prognosis. PLoS One 2011-01-01 [PMID: 22125622]



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Products Related to NBP1-80611

NBP1-80611PEP	14-3-3 beta/alpha 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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