

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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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 | Immunogen affinity purified |
| Buffer | PBS (pH 7.2) and 40% Glycerol |

Product Description

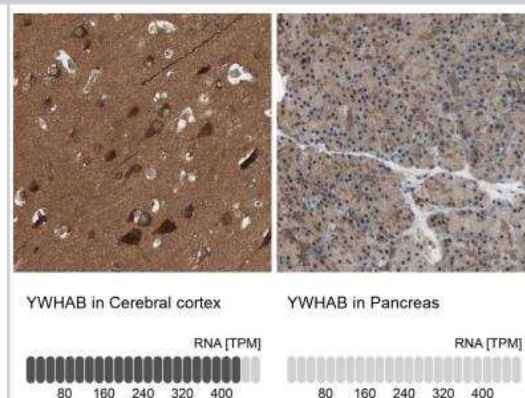
| | |
|--------------------|---|
| Host | Rabbit |
| Gene ID | 7529 |
| Gene Symbol | YWHAB |
| Species | Human |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: ICNDVLELLDKYLIPNATQPESKVFYLMKGDYFRYLSEVASGDNKQTTVSNSQ QAYQEAFEISKKE |

Product Application Details

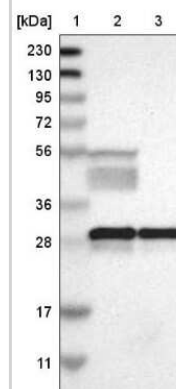
| | |
|------------------------------|--|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 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

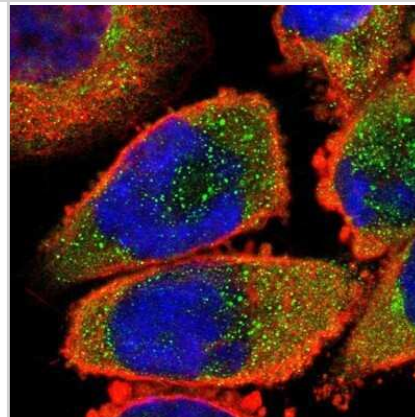
Immunohistochemistry-Paraffin: 14-3-3 beta/alpha Antibody [NBP1-80611] - Analysis in human cerebral cortex and pancreas tissues. Corresponding YWHAB RNA-seq data are presented for the same tissues.



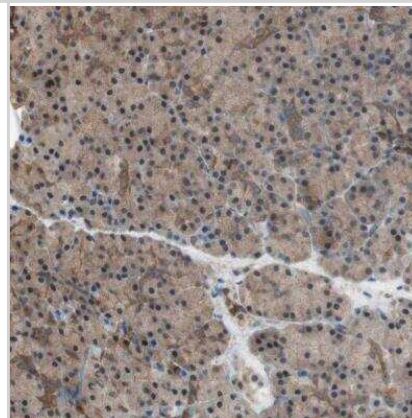
Western Blot: 14-3-3 beta/alpha Antibody [NBP1-80611] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp



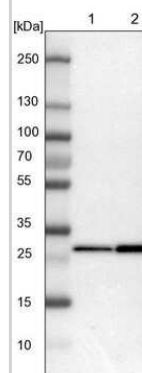
Immunocytochemistry/Immunofluorescence: 14-3-3 beta/alpha Antibody [NBP1-80611] - Staining of human cell line A-431 shows positivity in cytoplasm. Antibody staining is shown in green.



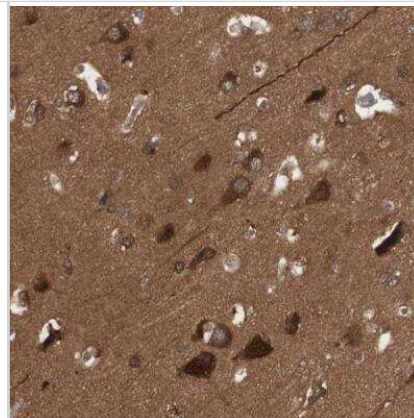
Immunohistochemistry-Paraffin: 14-3-3 beta/alpha Antibody [NBP1-80611] - Staining of human pancreas shows very weak positivity in exocrine glandular cells as expected.



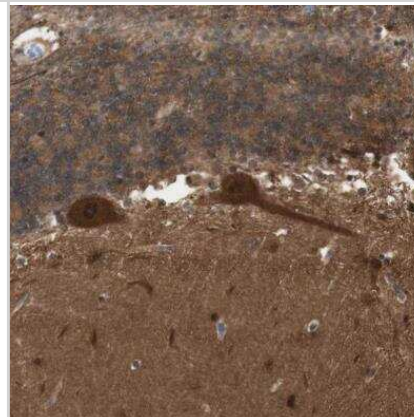
Western Blot: 14-3-3 beta/alpha Antibody [NBP1-80611] - Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells). Lane 2: NBT-II cell lysate (Rat Wistar bladder tumor cells).



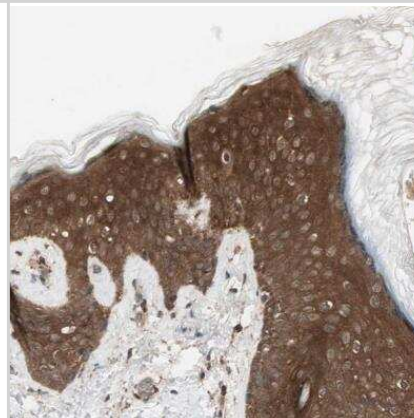
Immunohistochemistry-Paraffin: 14-3-3 beta/alpha Antibody [NBP1-80611] - Staining of human cerebral cortex shows moderate to strong cytoplasmic positivity in neurons.



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 |
| 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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