

Product Datasheet

Neuronal Pentraxin 2 Antibody - BSA Free NBP1-76899

Unit Size: 0.1 mg

Store at 4C.

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NBP1-76899

Neuronal Pentraxin 2 Antibody - BSA Free

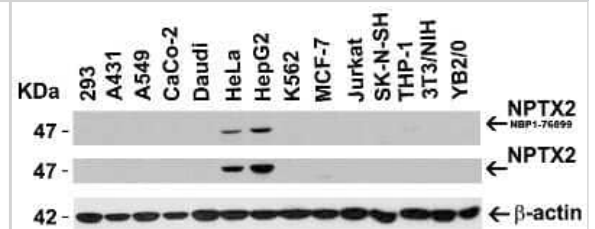
| Product Information | |
|-------------------------|---------------------------|
| Unit Size | 0.1 mg |
| Concentration | 1 mg/ml |
| Storage | Store at 4C. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Peptide affinity purified |
| Buffer | PBS |
| Target Molecular Weight | 47 kDa |

| Product Description | |
|---------------------|--|
| Host | Rabbit |
| Gene ID | 4885 |
| Gene Symbol | NPTX2 |
| Species | Human, Mouse, Rat |
| Reactivity Notes | Immunogen displays the following percentage of sequence identity for non-tested species: Guinea pig (88%) |
| Immunogen | Antibody was raised against a 16 amino acid synthetic peptide near the center of the human NPTX2. The immunogen is located within amino acids 170 - 220 of NPTX2. Amino Acid Squence: LHNETSAHRQKTESTL |

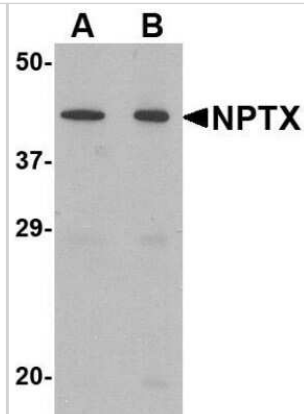
| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry |
| Recommended Dilutions | Western Blot 0.5-4 ug/mL, ELISA 1:100-1:2000, Immunohistochemistry 5 ug/mL, Immunocytochemistry/ Immunofluorescence 20 ug/mL, Immunohistochemistry-Paraffin |

Images

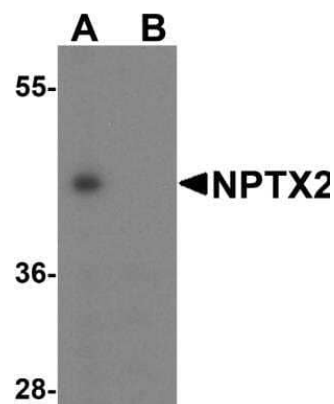
Western Blot: Neuronal Pentraxin 2 Antibody [NBP1-76899] - Independent Antibody Validation (IAV) via Protein Expression Profile in Cell Lines. Loading: 15 ug of lysates per lane. Antibodies: Neuronal Pentraxin 2 NBP1-76899 (2 ug/mL), Neuronal Pentraxin 2 (4 ug/mL), and beta-actin (1 ug/mL), 1h incubation at RT in 5% NFD/MTBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



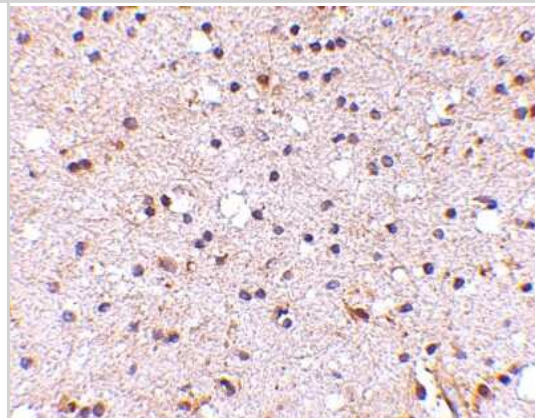
Western Blot: Neuronal Pentraxin 2 Antibody [NBP1-76899] - Mouse brain tissue lysate with NPTX2 antibody at (A) 0.5 and (B) 1 ug/mL.



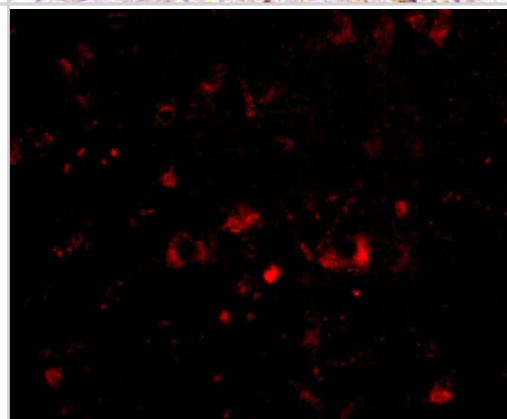
Western Blot: Neuronal Pentraxin 2 Antibody [NBP1-76899] - Mouse brain tissue lysate with NPTX2 antibody at 1 ug/ml in (A) the absence and (B) the presence of blocking peptide.



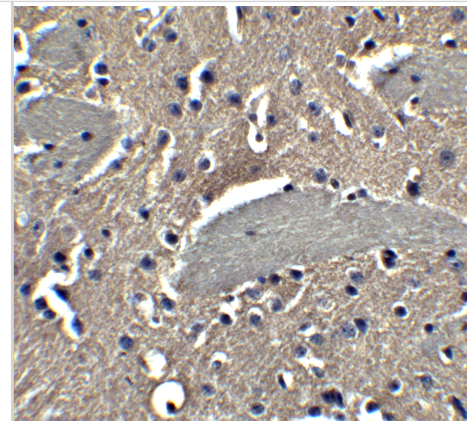
Immunohistochemistry-Paraffin: Neuronal Pentraxin 2 Antibody [NBP1-76899] - Human brain with NPTX2 antibody at 5 ug/ml.



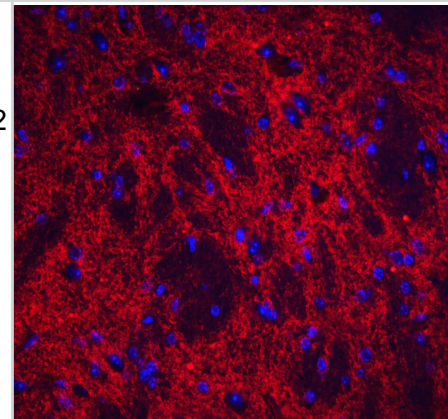
Immunocytochemistry/ Immunofluorescence: Neuronal Pentraxin 2 Antibody - BSA Free [NBP1-76899] - Validation of Neuronal Pentraxin 2 in Human Brain Tissue. Immunofluorescent analysis of 4% paraformaldehyde-fixed human brain tissue labeling Neuronal Pentraxin 2 at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (red).



Immunohistochemistry: Neuronal Pentraxin 2 Antibody - BSA Free [NBP1-76899] - Validation of Neuronal Pentraxin 2 in Mouse Brain Tissue. Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-Neuronal Pentraxin 2 antibody at 5 ug/ml. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



Immunocytochemistry/ Immunofluorescence: Neuronal Pentraxin 2 Antibody - BSA Free [NBP1-76899] - Validation of Neuronal Pentraxin 2 in Mouse Brain Tissue. Immunofluorescent analysis of 4% paraformaldehyde-fixed mouse brain tissue labeling Neuronal Pentraxin 2 at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (red) and DAPI staining (blue).





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Products Related to NBP1-76899

| | |
|---------------|---|
| NBP1-76899PEP | Neuronal Pentraxin 2 Antibody Blocking Peptide |
| 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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