

Product Datasheet

alpha-Internexin Antibody - BSA Free NBP1-81007

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: 2

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NBP1-81007

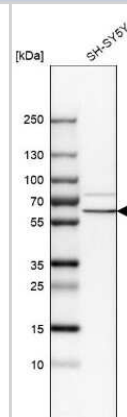
alpha-Internexin Antibody - BSA Free

| 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 | |
| Description | Novus Biologicals Rabbit alpha-Internexin Antibody - BSA Free (NBP1-81007) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-alpha-Internexin Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Rabbit |
| Gene ID | 9118 |
| Gene Symbol | INA |
| Species | Human, Mouse, Rat |
| Reactivity Notes | Reactivity reported in scientific literature (PMID: 19351664) |
| Marker | Immature Neuronal Marker |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: ALDIEIAAYRKLLERGEETRFSTSGLSISGLNPLPNPSYLLPPRILSATTSKVSSTGL SLKKEEEEEASKVASKKTSQIGESFEEILEETVISTKKTEKSNIETTISQ |
| 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 | IHC reported in scientific literature (PMID: 21246521). For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100. |

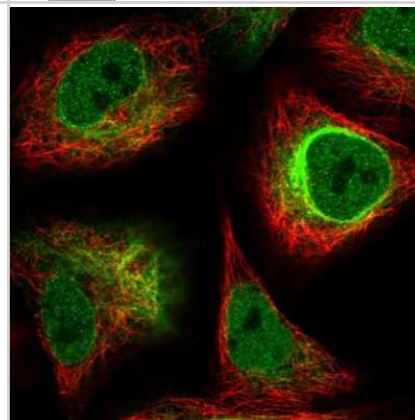


Images

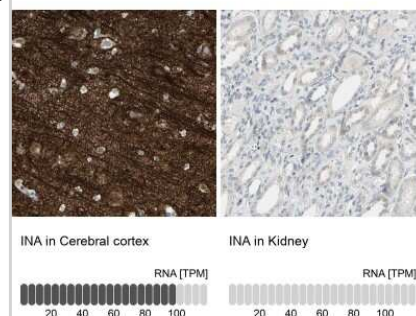
Western Blot: alpha-Internexin Antibody [NBP1-81007] - Analysis in human cell line SH-SY5Y.



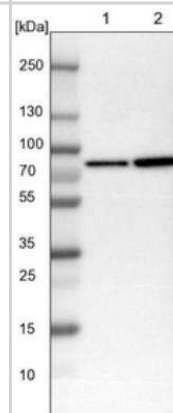
Immunocytochemistry/Immunofluorescence: alpha-Internexin Antibody [NBP1-81007] - Immunofluorescent staining of human cell line A549 shows localization to nucleoplasm, nuclear membrane & intermediate filaments.



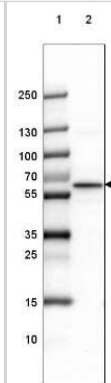
Immunohistochemistry-Paraffin: alpha-Internexin Antibody [NBP1-81007] - Staining in human cerebral cortex and kidney tissues. Corresponding INA RNA-seq data are presented for the same tissues.



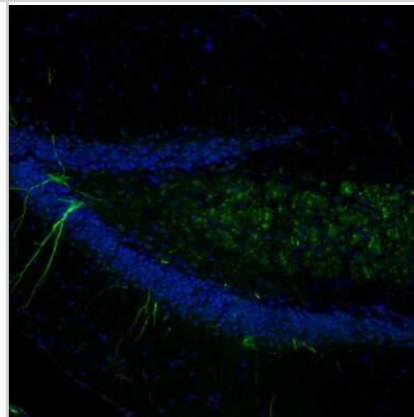
Western Blot: alpha-Internexin Antibody [NBP1-81007] - Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells). Lane 2: NBT-II cell lysate (Rat Wistar bladder tumor cells).



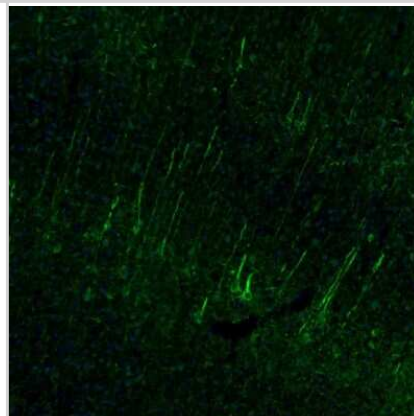
Western Blot: alpha-Internexin Antibody [NBP1-81007] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10 Lane 2: Mouse Cerebral Cortex tissue



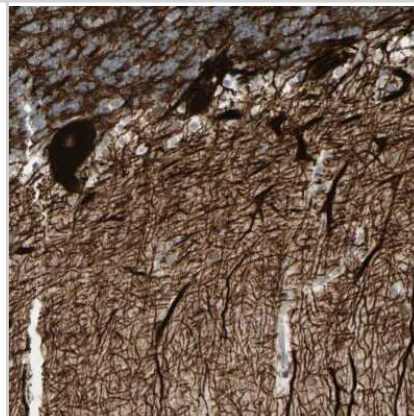
Immunohistochemistry-Paraffin: alpha-Internexin Antibody [NBP1-81007]
- Staining of mouse brain shows moderate positivity in of in the hippocampus.



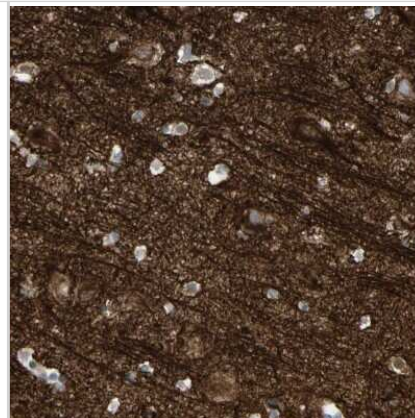
Immunohistochemistry-Paraffin: alpha-Internexin Antibody [NBP1-81007]
- Staining of mouse brain shows positivity in the cerebral cortex.



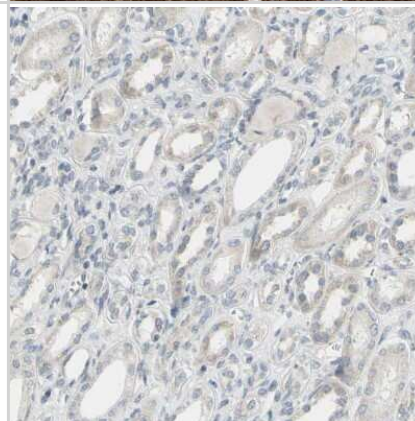
Immunohistochemistry-Paraffin: alpha-Internexin Antibody [NBP1-81007]
- Staining of human cerebellum shows positivity in purkinje cells.



Immunohistochemistry-Paraffin: alpha-Internexin Antibody [NBP1-81007]
 - Staining of human cerebral cortex shows positivity in neuropil.



Immunohistochemistry-Paraffin: alpha-Internexin Antibody [NBP1-81007]
 - Staining of human kidney shows very weak cytoplasmic positivity.



Publications

Mulder J, Bjorling E, Jonasson K et al. Tissue Profiling of the Mammalian Central Nervous System Using Human Antibody-based Proteomics. Mol Cell Proteomics 2009-07-01 [PMID: 19351664]

Mokhtari K, Ducray F, Kros J et al. Alpha-internexin expression predicts outcome in anaplastic oligodendroglial tumors and may positively impact the efficacy of chemotherapy: European organization for research and treatment of cancer trial 26951 Cancer 2011-07-01 [PMID: 21246521] (IF/IHC, Human)



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Products Related to NBP1-81007

| | |
|---------------|---|
| NBP1-81007PEP | alpha-Internexin 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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