

Product Datasheet

Ankyrin 3 Antibody - BSA Free NBP3-05549-100ul

Unit Size: 100 ul

Store at 4C short term. Store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-05549-100ul

Ankyrin 3 Antibody - BSA Free

| Product Information | |
|----------------------|--|
| Unit Size | 100 ul |
| Concentration | 1 mg/ml |
| Storage | Store at 4C short term. Store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 5mM Sodium Azide |
| Isotype | IgY |
| Purity | Immunogen affinity purified |
| Buffer | 50% PBS, 50% glycerol. Supplied as concentrated total IgY preparation from egg yolk. Exact concentration of target specific IgY is not quantifiable as the preparation contains both immune IgY specific for the target and also irrelevant, non-immune IgY. |

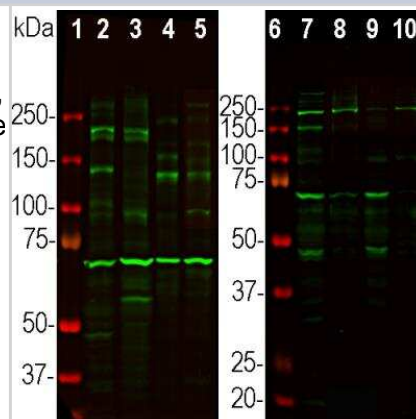
| Product Description | |
|---------------------|--|
| Description | Novus Biologicals Chicken Ankyrin 3 Antibody - BSA Free (NBP3-05549) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Chicken |
| Gene ID | 288 |
| Gene Symbol | ANK3 |
| Species | Human, Mouse, Rat, Bovine, Monkey |
| Immunogen | The C-terminal 398 amino acids of human Ankyrin 3 expressed in and purified from E. coli. |
| Notes | Chicken products cannot be exported to Canada. |

| Product Application Details | |
|------------------------------|--|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry |
| Recommended Dilutions | Western Blot 1:5000-1:10000, Immunohistochemistry 1:500-1:1000, Immunocytochemistry/ Immunofluorescence 1:500-1:1000 |

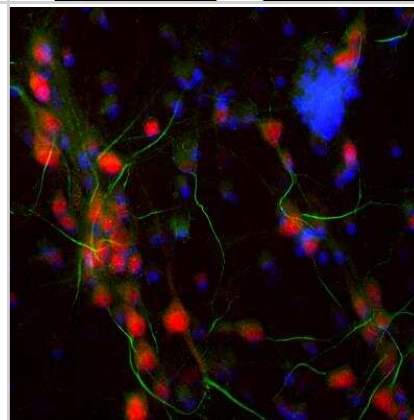


Images

Western Blot: Ankyrin 3 Antibody [NBP3-05549] - Western blot analysis of different tissue and cell lysates using Ankyrin 3 Antibody at a dilution of 1:3,000, in green. [1, 6] Protein standard, [2] Rat brain, [3] Cow cortex, [4] HEK293 cells, [5] COS-1 cells, [7] Rat cortex, [8] rat cortex membrane enriched fraction, [9] mouse cortex, [10] mouse cortex membrane enriched fraction. Bands at 60-190kDa represent Ankyrin 3 splice variants and proteolytic fragments. Larger Ankyrin 3 isoforms of 270kDa and 480kDa can be seen on longer exposure of the blots.



Immunocytochemistry/Immunofluorescence: Ankyrin 3 Antibody [NBP3-05549] - Immunofluorescent analysis of cortical neuron-glia cell culture from E20 rat stained with Ankyrin 3 Antibody, CPCA-ANK3, at a dilution of 1:2,000 in green, and costained with mouse mAb to RBFOX3/NeuN at a dilution of 1:2,000 in red. The blue is Hoechst staining of nuclear DNA. The Ankyrin 3 antibody stains the axonal initial segments, while the RBFOX3/NeuN antibody reveals perikarya and nuclei of neurons.





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Products Related to NBP3-05549-100ul

| | |
|--------------------|--|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| BAF010 | Goat anti-Chicken IgY Secondary Antibody [Biotin] |
| NB7276 | Goat anti-Chicken IgM Heavy Chain Secondary Antibody |
| H00006326-Q01-10ug | Recombinant Human SCN2A GST (N-Term) Protein |

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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