

Product Datasheet

CGRP1 Antibody (4901) - Azide Free NBP2-88945

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-88945

CGRP1 Antibody (4901) - Azide Free

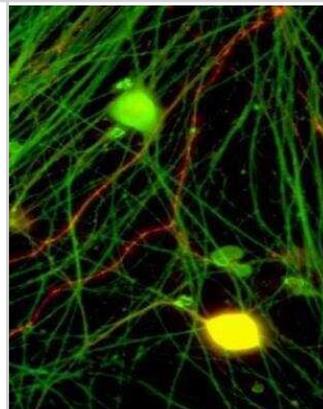
| Product Information | |
|--------------------------------|---|
| Unit Size | 0.1 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 4901 |
| Preservative | No Preservative |
| Isotype | IgG2a |
| Purity | Protein G purified |
| Buffer | 10 mM HEPES (pH 7.5), 0.15 M NaCl, 0.1 mg/mL BSA, 50% Glycerol |
| Target Molecular Weight | 0 kDa |

| Product Description | |
|--------------------------------|--|
| Host | Mouse |
| Gene ID | 796 |
| Gene Symbol | CALCA |
| Species | Human, Rat |
| Reactivity Notes | Tested in Human and Rat. Expected reactivity to most mammals. |
| Specificity/Sensitivity | Specific for Calcitonin Gene Related Peptide. Also recognizes rat beta-CGRP and human alpha-CGRP (10-fold less sensitivity compared to rat alpha-CGRP). Suggested positive controls are dorsal root ganglia, pancreas and gut. |
| Immunogen | Purified rat alpha-CGRP. Accession # P01256 |

| Product Application Details | |
|------------------------------|--|
| Applications | Immunocytochemistry/ Immunofluorescence, Western Blot (Negative) |
| Recommended Dilutions | Immunocytochemistry/ Immunofluorescence 1:50-1:100, Western Blot (Negative) |
| Application Notes | This antibody is an excellent tool for immunohistochemistry and for multiple labeling immunofluorescence of peripheral tissue like stomach, intestine, pancreas, sensory ganglia, and all the regions of the body that are innervated by primary afferent neurons as well as central nervous tissue. |

Images

Immunocytochemistry/Immunofluorescence: CGRP Antibody (4901) [NBP2-88945] - Immunostaining of CGRP (red) in cryopreserved DRG neurons grown on coverslips. 40xmag. Green staining is PGP9.5. Yellow staining is the colocalization of CGRP and PGP9.5. Cells were obtained photo was provided courtesy of QBMCellScience.



Publications

Rodríguez-Palma EJ, De la Luz-Cuellar YE, Islas-Espinoza AM et al. Activation of δ 6 -containing GABA A receptors induces antinociception under physiological and pathological conditions Pain 2023-05-01 [PMID: 36001074]

Young VA Characterizing the Role of AP2 alpha 2 in Peripheral Neuropathic Pain Thesis 2021-01-01





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Products Related to NBP2-88945

| | |
|------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-96778 | Mouse IgG2a Isotype Control (M2A) |
| 210-TA-005 | TNF-alpha [Unconjugated] |

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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