

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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Publications: 2

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NBP2-88945

CGRP1 Antibody (4901) - Azide Free

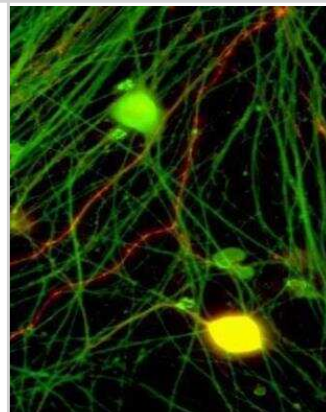
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4901
Preservative	No Preservative
Isotype	IgG2a
Purity	Protein G purified
Buffer	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 γ 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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