

Product Datasheet

Rhodopsin Antibody (RET-P1)

NB120-3267-250ul

Unit Size: 250 ul

Store at 4C. Do not freeze.

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NB120-3267-250ul**Rhodopsin Antibody (RET-P1)**

Product Information	
Unit Size	250 ul
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	RET-P1
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4) and 0.2% BSA
Target Molecular Weight	39 kDa

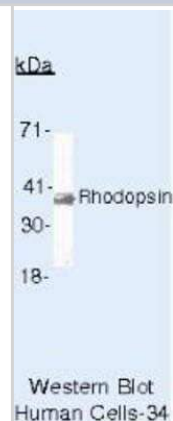
Product Description	
Host	Mouse
Gene ID	6010
Gene Symbol	RHO
Species	Human, Mouse, Rat, Canine
Reactivity Notes	Canine reactivity reported in scientific literature (PMID: 18775863). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Immunogen	Membrane preparation from adult rat retina

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 - 2 ug/ml, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID: 27072643).

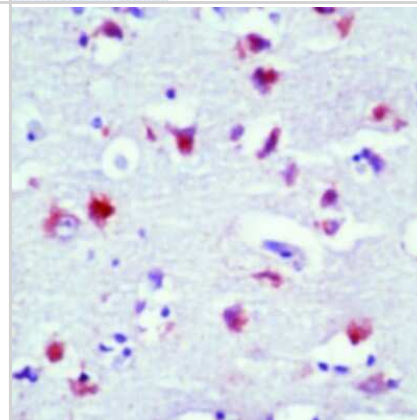


Images

Western Blot: Rhodopsin Antibody (RET-P1) [NB120-3267] - Analysis of IMR-5 Cells.



Immunohistochemistry-Paraffin: Rhodopsin Antibody (RET-P1) [NB120-3267] - Human brain stained with Rhodopsin antibody using peroxidase-conjugate and AEC chromogen. Note cytoplasmic staining of neurons.



Publications

Santhanam A, Shihabeddin E, Atkinson JA et al. A Zebrafish Model of Retinitis Pigmentosa Shows Continuous Degeneration and Regeneration of Rod Photoreceptors Cells 2020-10-06 [PMID: 33036185]

Cubizolle A, Cia D, Moine E et al. Isopropyl-phloroglucinol-DHA protects outer retinal cells against lethal dose of all-trans-retinal J. Cell. Mol. Med. 2020-03-25 [PMID: 32212312] (IF, Mouse)

Cia D, Cubizolle A, Crauste C et al. Phloroglucinol protects retinal pigment epithelium and photoreceptor against all-trans-retinal-induced toxicity and inhibits A2E formation. J. Cell. Mol. Med. 2016-04-12 [PMID: 27072643] (ICC/IF, Mouse)



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Products Related to NB120-3267-250ul

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-55553PEP	Rhodopsin Recombinant Protein Antigen

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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