

Product Datasheet

Arrestin 3 Antibody NBP1-37003

Unit Size: 0.1 mg

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

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NBP1-37003**Arrestin 3 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	407
Gene Symbol	ARR3
Species	Human, Rat
Reactivity Notes	Use in Rat reported in scientific literature (PMID:35024589) .
Immunogen	Arrestin 3 Antibody is made to a peptide with sequence C-RKGEEESQKAVE corresponding to C-Terminus according to NP_004303.2.

Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Immunohistochemistry 2.5 ug/mL, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 2.5 ug/mL, Immunohistochemistry-Frozen, Peptide ELISA Detection limit 1:64000
Application Notes	Use in Immunohistochemistry-Frozen reported in scientific literature (PMID:35024589).Use in ICC/IF reported in scientific literature (PMID: 30567931)..

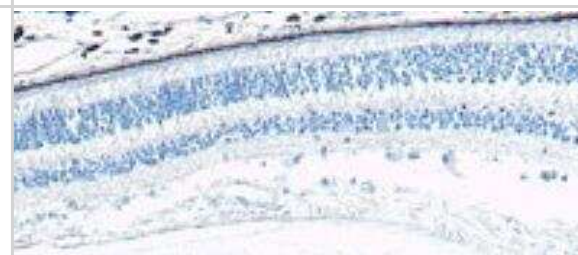


Images

Immunohistochemistry-Paraffin: Arrestin 3 Antibody [NBP1-37003] - Staining (2.5ug/ml) of paraffin embedded Human Retina. Heat induced antigen retrieval with citrate buffer pH 6, HRP-Staining.



Immunohistochemistry-Paraffin: Arrestin 3 Antibody [NBP1-37003] - Negative Control showing staining of paraffin embedded Human Retina, with no primary antibody.



Publications

Ana Ripolles-Garcia, Natalia Dolgova, M. Joseph Phillips, Svetlana Savina, Allison L. Ludwig, Sara A. Stuedemann, Uchenna Nlebedum, John H. Wolfe, Oliver A. Garden, Arvydas Maminishkis, Juan Amaral, Kapil Bharti, David M. Gamm, Gustavo D. Aguirre, William A. Beltran Systemic immunosuppression promotes survival and integration of subretinally implanted human ESC-derived photoreceptor precursors in dogs Stem Cell Reports 2022-07-28 [PMID: 35905738]

András Végh, Dániel Péter Magda, Ferenc Kilin, Anita Csorba, Mikós Resch, Zoltán Zsolt Nagy, Arnold Szabó In vivo cellular imaging of the retina: present and future Orvosi hetilap 2021-06-01 [PMID: 34052799]

Afanasyeva TAV, Corral-Serrano JC, Garanto A et al. A look into retinal organoids: methods, analytical techniques, and applications Cellular and Molecular Life Sciences 2021-10-01 [PMID: 34420069]

Saha A, Capowski E, Fernandez Zepeda MA et al. Cone photoreceptors in human stem cell-derived retinal organoids demonstrate intrinsic light responses that mimic those of primate fovea Cell stem cell 2022-01-25 [PMID: 35104442] (ICC/IF, Human)

Yamasaki S, Tu H, Matsuyama T et al. A Genetic modification that reduces ON-bipolar cells in hESC-derived retinas enhances functional integration after transplantation iScience 2022-01-01 [PMID: 35024589] (Immunohistochemistry-Frozen, Rat)

Cowan CS, Renner M, De Gennaro M et al. Cell Types of the Human Retina and Its Organoids at Single-Cell Resolution Cell 2020-09-17 [PMID: 32946783] (Human)

Sridhar A, Hoshino A, Finkbeiner CR et al. Single-Cell Transcriptomic Comparison of Human Fetal Retina, hPSC-Derived Retinal Organoids, and Long-Term Retinal Cultures Cell Rep 2020-02-04 [PMID: 32023475] (Human)

Capowski EE, Samimi K, Mayerl SJ et al. Reproducibility and staging of 3D human retinal organoids across multiple pluripotent stem cell lines Development 2018-12-19 [PMID: 30567931] (ICC/IF, Human)

Krishnamurthy H, Galet C, Ascoli M. The association of arrestin-3 with the follitropin receptor depends on receptor activation and phosphorylation. Mol Cell Endocrinol 2003-06-30 [PMID: 12850288]



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Products Related to NBP1-37003

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
H00000407-Q01-10ug	Recombinant Human Arrestin 3 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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