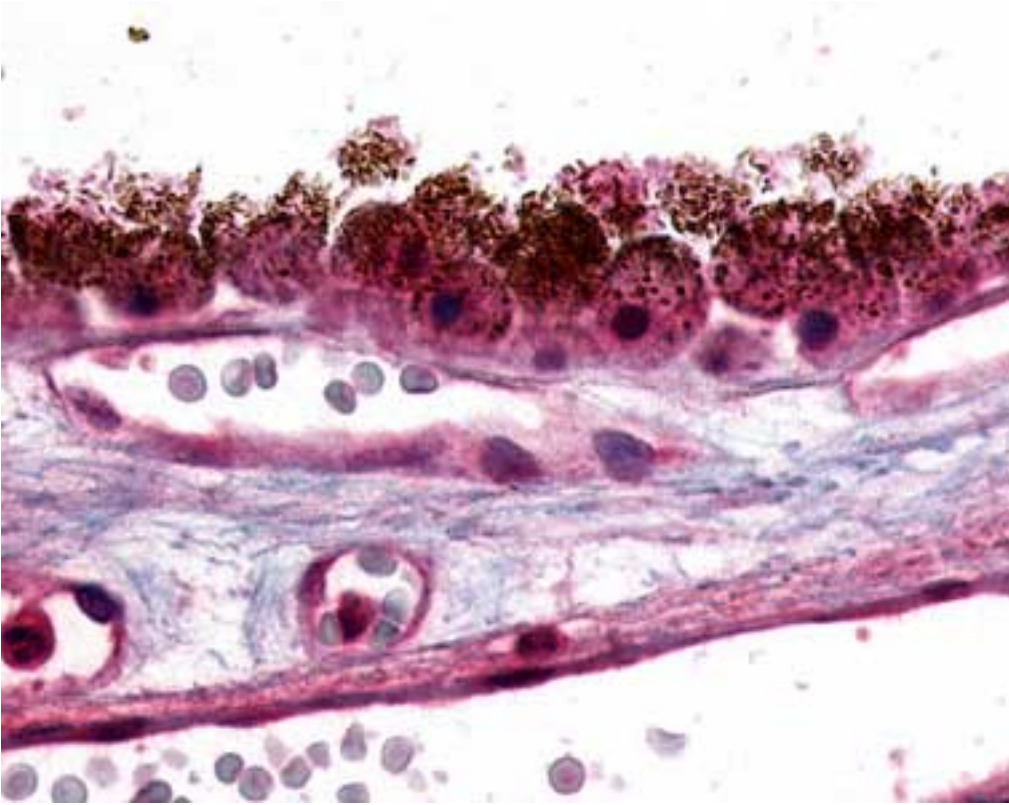


## Rabbit Polyclonal anti-Ocular Albinism 1

<b>Catalog Number:</b>	NLS2123
<b>Background:</b>	Ocular albinism 1 (Nettleship-Falls; OA1) is an Orphan-U GPCR with an unknown ligand. Ocular albinism type 1 (OA1) is an inherited disorder characterized by severe reduction of visual acuity, photophobia, and retinal hypopigmentation. Ocular albinism type 1 protein is a conserved integral membrane protein with seven transmembrane domains. Misfolding of the OA1 protein has been suggested as a major pathogenic mechanism in OA1. OA1 protein expression has been documented in the eye and in epidermal melanocytes.
<b>Alternate Names:</b>	anti-ALBINISM OCULAR TYPE I antibody, anti-G protein coupled receptor 143 antibody, anti-GPR143 antibody, anti-MOA1 antibody, anti-NETTLESHIP FALLS TYPE OCULAR ALBINISM antibody, anti-OA1 antibody, anti-Ocular albinism type 1 protein antibody, anti-Ocular albinism type 1 protein homolog antibody, anti-Ocular albinism1 Nettleship-Falls type antibody
<b>Host:</b>	Rabbit
<b>Research Areas:</b>	GPCR (G Protein-Coupled Receptor), IHC Grade
<b>Immunogen:</b>	Synthetic peptide [KLH conjugated] made to the N-term extracellular
<b>Epitope:</b>	N-terminal extracellular domain of human
<b>Species Reactivity:</b>	Human. 45% identity and homology with mouse.
<b>Uses:</b>	Immunohistochemistry with formalin fixed paraffin embedded tissues. Optimal working dilutions should be determined by investigator. * Other applications have not been tested.
<b>Dilutions:</b>	Suggested working dilutions * immunohistochemistry 16 ug/ml, Immunohistochemistry-Paraffin 16 ug/ml * Investigator should determine optimal working dilutions.
<b>Packaging:</b>	0.05 ml Affinity purified Rabbit antisera.
<b>Concentration:</b>	1 mg/ml
<b>Buffer:</b>	Phosphate buffered saline, PH 7.7
<b>Preservative:</b>	0.01% Sodium Azide
<b>Storage:</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze thaw cycles.
<b>Notes:</b>	These products have been supplied by MBL International Corporation. Genbank accession number: NM_000273
<b>Limitations:</b>	This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 6 months from date of receipt.
<b>Gene Id:</b>	4935
<b>Gene System:</b>	GPR143

**Image(s)**



Ocular Albinism 1 (Nettleship Falls; OA1) detection using NLS 2123 on human eye (retina).