

Catalog Number:	NLS2123
Background:	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.
Alternate Names:	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
Research Areas:	66,0
Immunogen:	Synthetic peptide [KLH conjugated] made to the N-term extracellular
Epitope:	N-terminal extracellular domain of human
Species Reactivity:	Human. 45% identity and homology with mouse.
Uses:	Immunohistochemistry with formalin fixed paraffin embedded tissues. Optimal working dilutions should be determined by investigator. * Other applications have not been tested.
Dilutions:	Suggested working dilutions * immunohistochemistry 16 ug/ml, Immunohistochemistry-Paraffin 16 ug/ml * Investigator should determine optimal working dilutions.
Packaging:	0.05 ml Affinity purified Rabbit antisera.
Concentration:	1 mg/ml
Buffer:	Phosphate buffered saline, PH 7.7
Preservative:	0.01% Sodium Azide
Storage:	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze thaw cycles.
Notes:	These products have been supplied by MBL International Corporation. Genbank accession number: NM_000273
Gene Id:	4935

Image(s)