

Gpr143 Polyclonal Antibody

Catalog Number OSR00147W

Product data sheet

Details		Tested Applications	Dilution *
Size	100 µL	Immunohistochemistry (IHC)	1:300-1:2,000
Host/Isotope	Rabbit / IgG	Western Blot (WB)	1:300-1:2,000
Class	Polyclonal	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Type	Antibody		
Immunogen	A synthetic peptide from c-terminal region of mouse ocular albinism type 1 protein homolog		
Conjugate	Unconjugated		
Form	Lyophilized		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Reconstitute with 100 µL of distilled water. Centrifuge to remove any insoluble material.

Background/Target Information

Ocular albinism type 1 protein is a conserved integral membrane protein with seven transmembrane domains. It is expressed in the eye and epidermal melanocytes. Defects in GPR143 are the cause of ocular albinism type 1 (OA1); also known as NettleSHIP-Falls type ocular albinism. OA1 is an X-linked disorder characterized by severe impairment of visual acuity, retinal hypopigmentation and the presence of macromelanosomes.

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