

产品名称: GPR143 Rabbit Polyclonal Antibody
产品货号: AP Rab11642



产品概述 (Summary)

产品名称 (Production Name)	GPR143 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	GPR143
别名 (Alternative Names)	GPR143; OA1; G-protein coupled receptor 143; Ocular albinism type 1 protein
基因 ID (Gene ID)	4935.0
蛋白 ID (SwissProt ID)	P51810.The antiserum was produced against synthesized peptide derived from human GPR143. AA range:151-200

产品应用 (Application)

稀释比 (Dilution Ratio)	ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	

研究背景 (Background)

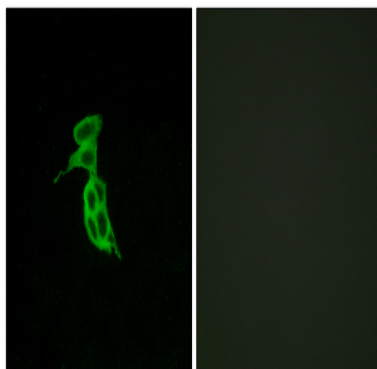
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This gene encodes a protein that binds to heterotrimeric G proteins and is targeted to melanosomes in pigment cells. This protein is thought to be involved in intracellular signal transduction mechanisms. Mutations in this gene cause ocular albinism type 1, also referred to as Nettlehip-Falls type ocular albinism, a severe visual disorder. A related pseudogene has been identified on chromosome Y. [provided by RefSeq, Dec 2009],disease:Defects in GPR143 are the cause of ocular albinism type 1 (OA1) [MIM:300500]; also known as Nettlehip-Falls type ocular albinism. OA1 is an X-linked disorder characterized by severe impairment of visual acuity, retinal hypopigmentation and the presence of macromelanosomes.,function:Not known; binds heterotrimeric G proteins.,online information:GPR143 mutations,online information:Retina International's Scientific Newsletter,similarity:Belongs to the G-protein coupled receptor OA family.,subcellular location:Targeted to intracellular organelles, namely the melanosomes in pigment cells.,tissue specificity:Exclusively expressed in pigment cells.,

研究领域 (Research Area)

图片 (Image Data)



Immunofluorescence analysis of LOVO cells, using GPR143 Antibody. The picture on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .