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Datasheet for ABIN7153324

anti-GPR143 antibody (AA 314-404) (Biotin)

Overview

Quantity:	100 µg
Target:	GPR143
Binding Specificity:	AA 314-404
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR143 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human G-protein coupled receptor 143 protein (314-404AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	GPR143
Alternative Name:	GPR143 (GPR143 Products)
Background:	Background: Receptor for tyrosine, L-DOPA and dopamine. After binding to L-DOPA, stimulates Ca(2+) influx into the cytoplasm, increases secretion of the neurotrophic factor SERPINF1 and

Target Details

relocalizes beta arrestin at the plasma membrane, this ligand-dependent signaling occurs through a G(q)-mediated pathway in melanocytic cells. Its activity is mediated by G proteins which activate the phosphoinositide signaling pathway. Plays also a role as an intracellular G protein-coupled receptor involved in melanosome biogenesis, organization and transport. Aliases: ALBINISM OCULAR TYPE I antibody, G protein coupled receptor 143 antibody, G-protein coupled receptor 143 antibody, GP143_HUMAN antibody, GPR143 antibody, MOA1 antibody, NETTLESHIP FALLS TYPE OCULAR ALBINISM antibody, Ocular albinism type 1 protein antibody, Ocular albinism type 1 protein homolog antibody, Ocular albinism1 Nettleship Falls type antibody

UniProt: [P51810](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.