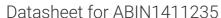
antibodies -online.com





anti-GPR143 antibody (AA 201-300) (Cy5.5)



| | | Go to Product page |
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| Quantity: | 100 μL |
|----------------------|--|
| Target: | GPR143 |
| Binding Specificity: | AA 201-300 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GPR143 antibody is conjugated to Cy5.5 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| Immunogen: | KLH conjugated synthetic peptide derived from human OA1 |
|-----------------------|---|
| Isotype: | IgG |
| Predicted Reactivity: | Human,Rat,Dog,Cow,Sheep,Pig,Horse,Chicken |
| Purification: | Purified by Protein A. |

Target Details

| Target: | GPR143 |
|-------------------|---|
| Alternative Name: | OA1/GPR143 (GPR143 Products) |
| Background: | Synonyms: ALBINISM OCULAR TYPE I, G protein coupled receptor 143, G-protein coupled |

receptor 143, GP143_HUMAN, GPR143, MOA1, NETTLESHIP FALLS TYPE OCULAR ALBINISM, Ocular albinism type 1 protein, Ocular albinism type 1 protein homolog, Ocular albinism1 Nettleship Falls type.

Background: G protein-coupled receptors (GPRs or GPCRs), are members of the largest protein family and play a role in many different stimulus-response pathways. G-protein coupled receptors mediate extracellular signals into intracellular signals (G-protein activation). They respond to a great variety of signaling molecules, including hormones, neurotransmitters and other proteins and peptides. GPR143, also designated ocular albinism type 1 protein (OA1), is detected exclusively in pigment cells. OA1, which is a multi-pass membrane protein, is a melanosomal protein expressed primarily in pigment cells. Defects in the gene encoding for OA1 cause ocular albinism, an X-linked disorder mainly characterized by retinal hypopigmentation and visual impairment.

Application Details

| Application Notes: | IF(IHC-P) 1:50-200 |
|--------------------|-----------------------|
| | IF(IHC-F) 1:50-200 |
| | IF(ICC) 1:50-200 |
| Restrictions: | For Research Use only |

Handling

| Format: | Liquid |
|--------------------|--|
| Concentration: | 1 μg/μL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| 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 |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |