

GUCA1A Polyclonal Antibody

Catalog No: #31302



Package Size: #31302-1 50ul #31302-2 100ul

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Description

Product Name	GUCA1A Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Mouse
Immunogen Description	Recombinant fusion protein of human GUCA1A (NP_000400.2).
Other Names	GUCA1A; C6orf131; COD3; CORD14; GCAP; GCAP1; GUCA; GUCA1; guanylate cyclase activator 1A
Accession No.	Swiss-Prot#:P43080NCBI Gene ID:2978
Uniprot	P43080
GeneID	2978;
Calculated MW	Refer to figures
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200

Background

This gene encodes an enzyme that plays a role in the recovery of retinal photoreceptors from photobleaching. This enzyme promotes the activity of retinal guanylyl cyclase-1 (GC1) at low calcium concentrations and inhibits GC1 at high calcium concentrations. Mutations in this gene can cause cone dystrophy 3 and code-rod dystrophy 14. Alternative splicing results in multiple transcript variants.

Note: This product is for in vitro research use only