

GUC1A rabbit pAb

Cat No.: ES15854

For research use only

Overview

Product Name GUC1A rabbit pAb

Host species Rabbit
Applications WB

Species Cross-Reactivity Human; Mouse Recommended dilutions WB 1: 500-2000

Immunogen Synthesized peptide derived from human GUC1A AA

range: 63-113

Specificity This antibody detects endogenous levels of GUC1A

at Human/Mouse

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name GUC1A

Gene Name GUCA1A C6orf131 GCAP GCAP1 GUCA1

Cellular localization Membrane; Lipid-anchor . Photoreceptor inner

segment. Cell projection, cilium, photoreceptor outer segment. Present at higher levels in cone than in rod outer segments (PubMed:9620085). Subcellular location is not affected by light or dark

conditions...

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 2978 Human Swiss-Prot Number P43080

Alternative Names

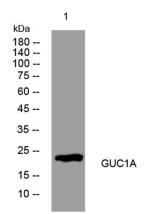
Background This gene encodes an enzyme that plays a role in the

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. [provided by RefSeq, Jan 2016],

Western blot analysis of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4° over night



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