

GUCA1A Polyclonal Antibody

Catalog No. E-AB-19163

Note: Centrifuge before opening to ensure complete recovery of vial contents.

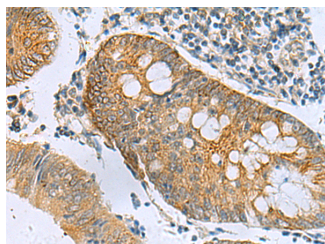
Description

Reactivity	Human, Mouse
Immunogen	Fusion protein of human GUCA1A
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4

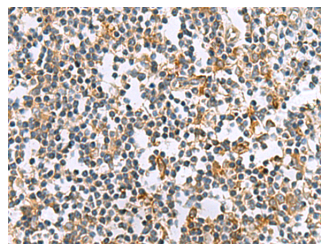
Applications Recommended Dilution

IHC 1:100-1:300

Data



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using GUCA1A Polyclonal Antibody at dilution of 1:105(×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using GUCA1A Polyclonal Antibody at dilution of 1:105(×200)

Preparation & Storage

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

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.

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