

GNAI3 Polyclonal Antibody

Catalog Number:E-AB-62765

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

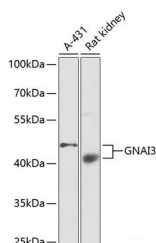
Description

Reactivity	Human,Rat
Immunogen	A synthetic peptide of human GNAI3 (NP_006487.1).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications Recommended Dilution

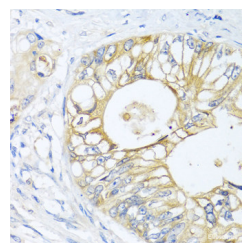
WB	1:1000-1:2000
IHC	1:50-1:100

Data

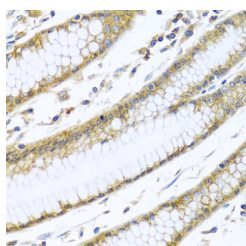


Western blot analysis of extracts of various cell lines using GNAI3 Polyclonal Antibody at dilution of 1:1000.

Observed Mw:41-45kDa
Calculated Mw:40kDa



Immunohistochemistry of paraffin-embedded Human colon carcinoma using GNAI3 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human stomach using GNAI3 Polyclonal Antibody at dilution of 1:100 (40x lens).

Preparation & Storage

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

Background

Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling pathways. G proteins are composed of 3 units: alpha, beta and gamma. This gene encodes an alpha subunit and

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belongs to the G-alpha family. Mutation in this gene, resulting in a gly40-to-arg substitution, is associated with auriculocondylar syndrome, and shown to affect downstream targets in the G protein-coupled endothelin receptor pathway.

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