

Anti-GNAI3 Polyclonal Antibody

Cat: AC51818

Summary:

【Product name】 : Anti-GNAI3 antibody

【Source】 : Rabbit

【Isotype】 : IgG

【Species reactivity】 : Human Rat

【Swiss Prot】 : P08754

【Gene ID】 : 2773

【Calculated】 : MW:41kDa

【Observed】 : MW:41/48kDa

【Purification】 : Affinity purification

【Tested applications】 : WB IHC

【Recommended dilution】 : WB 1:500-2000. IHC 1:50-200

【WB Positive sample】 : A-431,Rat kidney

【IHC Positive sample】 : human colon carcinoma

【Subcellular location】 : Cell membrane Cytoplasm Lipid-anchor Membrane centrosome cytoskeleton
microtubule organizing center

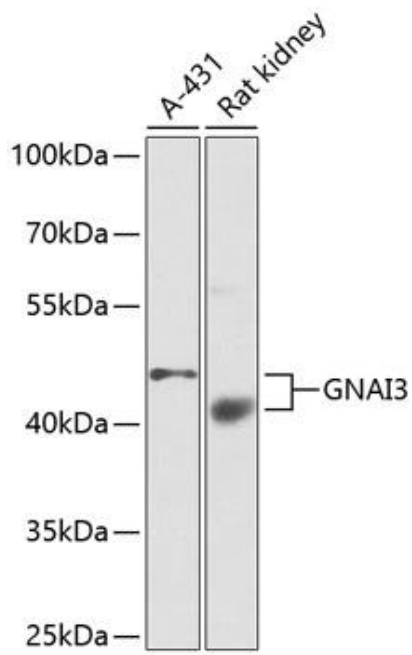
【Immunogen】 : A synthetic peptide of human GNAI3

【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C

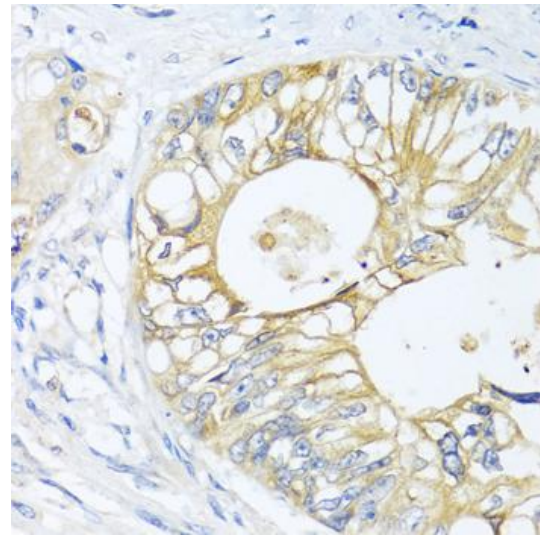
Background:

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 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.

Verified picture



Western blot analysis with GNAI3 antibody diluted at 1:1000; Lane: A-431, Rat kidney



Immunohistochemistry of paraffin-embedded human colon carcinoma with GNAI3 antibody diluted at 1:100