[KO Validated] GNAI3 Rabbit Polyclonal Antibody

CAB13307

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

45kDa

Calculated MW:

40kDa

Applications:

WB IF IP

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000 IF 1:50 - 1:200 IP 1:50 - 1:100

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein 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.

Immunogen information

Gene ID:
2773

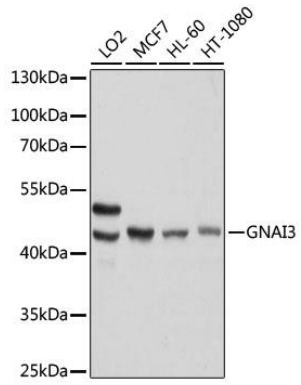
Uniprot
P08754

Synonyms:
GNAI3; 87U6; ARCND1

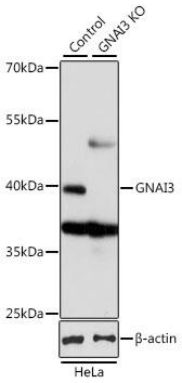
Immunogen:
Recombinant fusion protein containing a sequence corresponding to amino acids 1-354 of human GNAI3 (NP_006487.1).

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

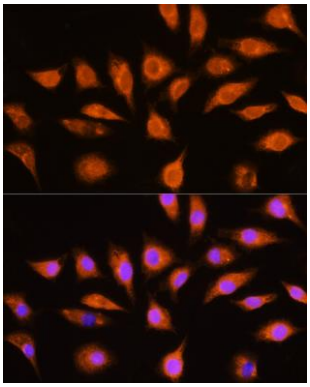
Product Images



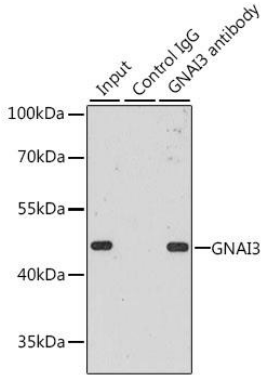
Western blot analysis of extracts of various cell lines, using GNAI3 antibody (CAB13307) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.



Western blot analysis of extracts from normal (control) and GNAI3 knockout (KO) HeLa cells, using GNAI3 antibody (CAB13307) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.



Immunofluorescence analysis of L929 cells using [KO Validated] GNAI3 Rabbit pAb (CAB13307) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200ug extracts of MCF-7 cells, using 3 ug GNAI3 antibody (CAB13307). Western blot was performed from the immunoprecipitate using GNAI3 antibody (CAB13307) at a dilition of 1:1000.

