

[KO Validated] GNAI3 Rabbit pAb

Catalog No.: A13307 **KO** Validated **1 Publications**

Basic Information

Observed MW

45kDa

Calculated MW

41kDa

Category

Primary antibody

Applications

WB, IF/ICC, IP, ELISA

Cross-Reactivity

Human, Mouse

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.

Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200
IP	0.5μg-4μg antibody for 200μg-400μg extracts of whole cells
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Contact

	400-999-6126
	cn.market@abclonal.com.cn
	www.abclonal.com.cn

Immunogen Information

Gene ID

2773

Swiss Prot

P08754

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

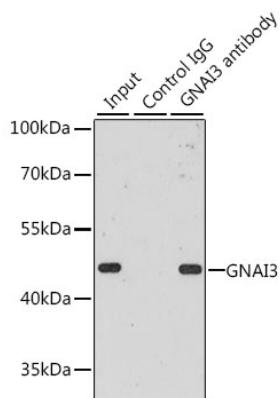
Synonyms

87U6; HG1A; ARCND1; ARCODS; I3

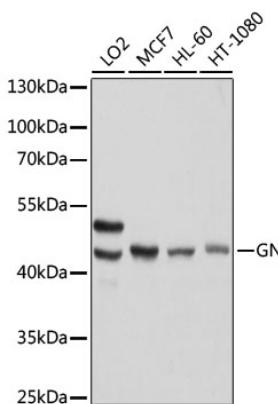
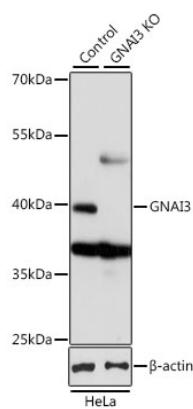
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

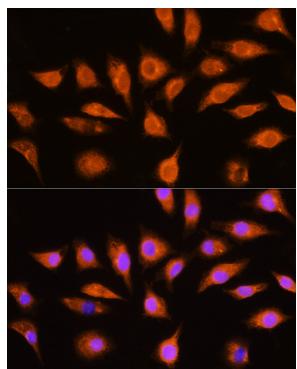
Validation Data



Immunoprecipitation analysis of 200 µg extracts of MCF-7 cells, using 3 µg GNAI3 antibody (A13307). Western blot was performed from the immunoprecipitate using GNAI3 antibody (A13307) at a dilution of 1:1000.



Validation Data



Immunofluorescence analysis of L929 cells using [KO Validated] GNAI3 Rabbit pAb (A13307) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.