

anti- GNAI2 antibody

Product Information

Catalog No.:	FNab03532
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Guanine nucleotide-binding proteins(G proteins) are involved as modulators or transducers in various transmembrane signaling systems. The G(i) proteins are involved in hormonal regulation of adenylate cyclase: they inhibit the cyclase in response to beta-adrenergic stimuli. May play a role in cell division. Isoform sGi2: Regulates the cell surface density of dopamine receptors DRD2 by sequestering them as an intracellular pool.

Immunogen information

Immunogen:	guanine nucleotide binding protein(G protein), alpha inhibiting activity polypeptide 2
Synonyms:	GNAI2B, GIP, H_LUCA15.1, H_LUCA16.1
Observed MW:	35-40 kDa
Uniprot ID :	P04899

Application

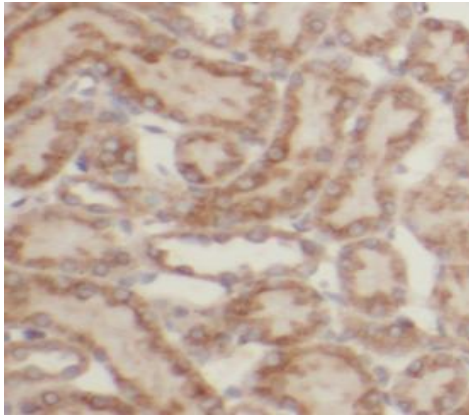
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IF, IHC, IP

Wuhan Fine Biotech Co., Ltd.

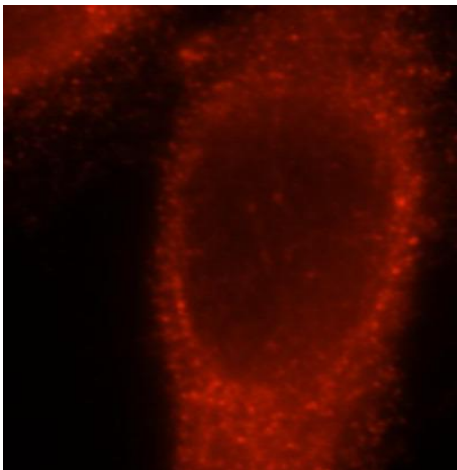
B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

Recommended dilution: WB: 1:500-1:2000; IP: 1:500-1:2000; IHC: 1:50-1:500; IF: 1:10-1:100

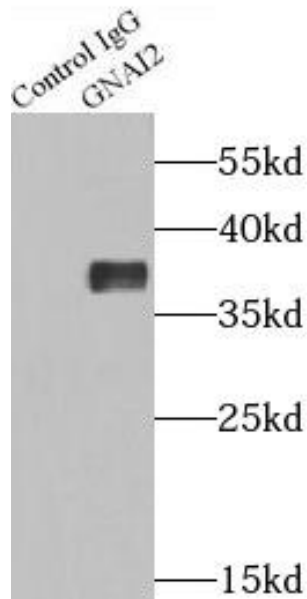
Image:



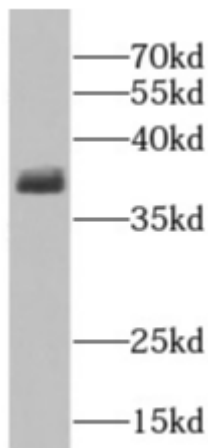
Immunohistochemistry of paraffin-embedded rat kidney tissue slide using FNab03532(GNAI2 Antibody) at dilution of 1:50



Immunofluorescent analysis of HeLa cells, using FNab03532(GNAI2 Antibody) at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG.



IP Result of anti-GNAI2 (IP: FNab03532, 4ug;
Detection: FNab03532 1:1000) with mouse kidney
tissue lysate 3000ug.



Jurkat cells were subjected to SDS PAGE followed
by western blot with FNab03532(GNAI2 antibody)
at dilution of 1:1000