

## ARG57759 anti-GNAO1 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes GNAO1
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GNAO1
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 60-180 of Human GNAO1 (NP_066268.1).
Conjugation	Un-conjugated
Alternate Names	GNAO; EIEE17; G-ALPHA-o; Guanine nucleotide-binding protein G(o) subunit alpha

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse brain	
Observed Size	39 kDa	

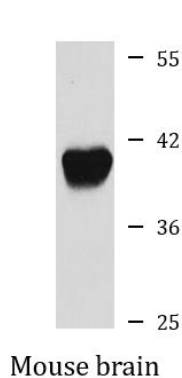
### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Symbol	GNAO1
Gene Full Name	guanine nucleotide binding protein (G protein), alpha activating activity polypeptide O
Background	The protein encoded by this gene represents the alpha subunit of the Go heterotrimeric G-protein signal-transducing complex. Defects in this gene are a cause of early-onset epileptic encephalopathy. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2015]
Function	Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. The G(o) protein function is not clear. Stimulated by RGS14. [UniProt]
Calculated Mw	40 kDa
Cellular Localization	Cell membrane, Membrane, Lipid-anchor. [UniProt]

## Images



ARG57759 anti-GNAO1 antibody WB image

Western blot: 25 µg of Mouse brain lysate stained with ARG57759 anti-GNAO1 antibody at 1:1000 dilution.