

GNAO1 Rabbit pAb

Catalog No.: A2510

1 Publications

Basic Information

Observed MW

39kDa

Calculated MW

40kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

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.

Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

2775

Swiss Prot

P09471

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 60-180 of human GNAO1 (NP_066268.1).

Synonyms

GNAO; HG1G; DEE17; NEDIM; EIEE17; HLA-DQB1; G-ALPHA-o; GNAO1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

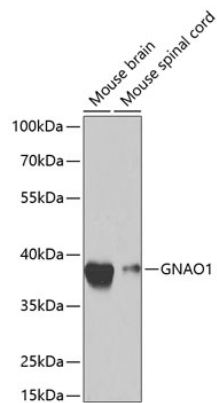
Affinity purification

Storage

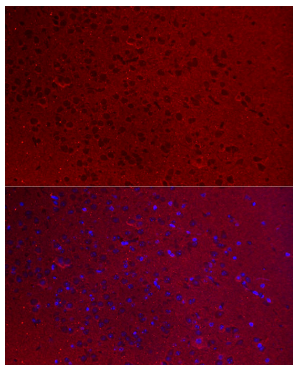
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

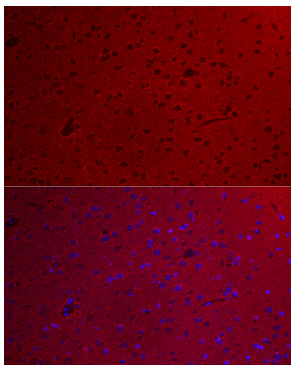
Validation Data



Western blot analysis of extracts of various cell lines, using GNAO1 antibody (A2510) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of mouse brain cells using GNAO1 Rabbit pAb (A2510) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of rat brain cells using GNAO1 Rabbit pAb (A2510) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.