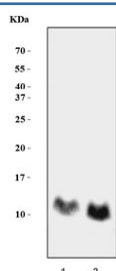


GNG4 Antibody [clone 7B6] (RQ6992)

Catalog No.	Formulation	Size
RQ6992	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	7B6
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P50150
Applications	Western Blot : 0.5-1 ug/ml
Limitations	This GNG4 antibody is available for research use only.



Western blot testing of 1) rat brain and 2) mouse brain tissue lysate with GNG4 antibody. Predicted molecular weight ~12 kDa.

Description

Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-4 is a protein that in humans is encoded by the GNG4 gene. This gene encodes the gamma subunit of the heterotrimeric G-proteins that are comprised of alpha, beta and gamma subunits. Upon activation by G protein-coupled receptors, the beta-gamma heterodimer dissociates from the alpha subunit to activate downstream signaling events. Alternate splicing results in multiple transcript variants.

Application Notes

Optimal dilution of the GNG4 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids M1-D52) was used as the immunogen for the GNG4 antibody.

Storage

After reconstitution, the GNG4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.