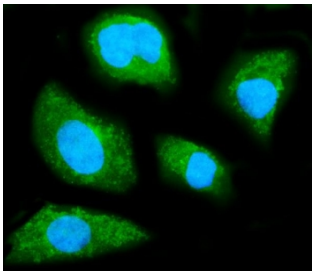
GNB1 Antibody / Guanine nucleotide binding protein beta 1 subunit [clone 11F9] (RQ7961)

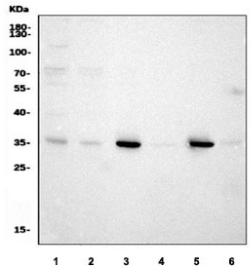
Catalog No.	Formulation	Size
RQ7961	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b
Clone Name	11F9
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P62873
Localization	Cytoplasm, cell membrane
Applications	Western blot: 0.5-1ug/ml Immunofluorescence (FFPE): 5ug/ml
Limitations	This GNB1 antibody is available for research use only.



Immunofluorescent staining of FFPE human SiHa cells with GNB1 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human Jurkat, 2) human HeLa, 3) rat brain, 4) rat kidney, 5) mouse brain and 6) mouse kidney tissue lysate with GNB1 antibody. Predicted molecular weight ~37 kDa.

Description

Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction. [UniProt]

Application Notes

Optimal dilution of the GNB1 antibody should be determined by the researcher.

Immunogen

Amino acids 2-42 from the human protein were used as the immunogen for the GNB1 antibody.

Storage

After reconstitution, the GNB1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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