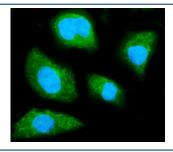


GNB1 Antibody / Guanine nucleotide binding protein beta 1 subunit [clone 11F9] (RQ7961)

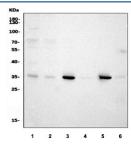
| Catalog No. | Formulation | Size |
|-------------|---|--------|
| RQ7961 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

Bulk quote request

| Availability | 1-3 business days |
|--------------------|--|
| Species Reactivity | Human, Mouse, Rat |
| Format | Antigen affinity purified |
| 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.