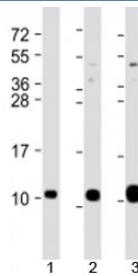


## GNG12 Antibody / G gamma12 (F53821)

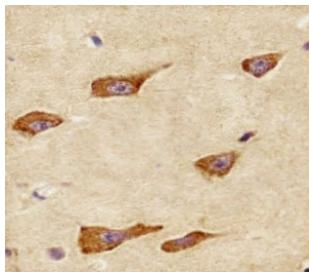
Catalog No.	Formulation	Size
F53821-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F53821-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse
<b>Predicted Reactivity</b>	Bovine
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	Q9UBI6
<b>Localization</b>	Cytoplasmic, membranous
<b>Applications</b>	Western Blot : 1:1000-2000 IHC (FFPE) : 1:25
<b>Limitations</b>	This GNG12 antibody is available for research use only.



Western blot testing of 1) human HeLa, 2) human DU-145 and 3) mouse brain lysate with GNG12 antibody at 1:2000. Predicted molecular weight: 8 kDa.



IHC testing of FFPE human brain with GNG12 antibody at 1:25. HIER: steamed in pH6 citrate buffer.

## 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.

## Application Notes

Titration of the GNG12 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 37-68 from the human protein was used as the immunogen for the GNG12 antibody.

## Storage

Aliquot the GNG12 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.