Product Name: **GNB2 Rabbit Monoclonal Antibody**
Catalog #: **AMRe87383**
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:2000-1:20000
Molecular Weight	Calculated MW:37 kDa; Observed MW:32 kDa

Antigen Information

Gene Name	GNB2
Alternative Names	G protein subunit beta-2; Transducin beta chain 2
Gene ID	2783
SwissProt ID	P62879
Immunogen	A synthetic peptide of human GNB2

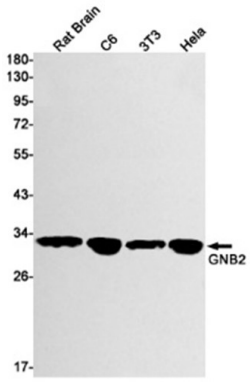
Background

Heterotrimeric guanine nucleotide-binding proteins (G proteins), which integrate signals between receptors and effector proteins, are composed of an alpha, a beta, and a gamma subunit. These subunits are encoded by families of related genes. This

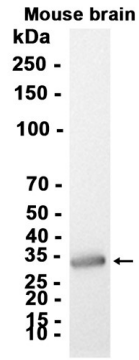
gene encodes a beta subunit. Beta subunits are important regulators of alpha subunits, as well as of certain signal transduction receptors and effectors. This gene contains a trinucleotide (CCG) repeat length polymorphism in its 5' UTR. [provided by RefSeq, Jul 2008]

Research Area

Image Data



Western blot detection of GNB2 in Rat Brain,C6,3T3,Hela cell lysates using GNB2 antibody(1:1000 diluted).



Western blot analysis of extracts from Mouse brain tissue using AMRe87383 at 1:2000.