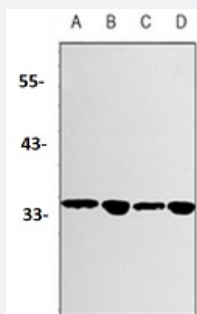


RecomAb™

GNB2 recombinant monoclonal antibody

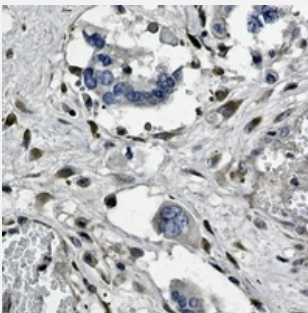
Catalog # RAB02410 Size 100 uL

Applications



Western Blot

Western blot analysis of rat brain (A), C6 (B), NIH3T3 (C), HeLa (D) whole cell lysates with GNB2 recombinant monoclonal antibody (Cat # RAB02410).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of human cholangiocarcinoma formalin fixed paraffin embedded tissue section using GNB2 recombinant monoclonal antibody (Cat # RAB02410). The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.37). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against recombinant GNB2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide of human GNB2.
Theoretical MW (kDa)	35
Reactivity	Human, Mouse, Rat

Specificity	Recognizes endogenous levels of GNB2 protein.
Form	Liquid
Purification	Immunogen affinity chromatography
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:100) Immunoprecipitation (1:10-1:50) Western Blot (1:500-1:1000)
Storage Buffer	In 50mM Tris-Glycine, pH 7.4 (0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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- Immunoprecipitation

Gene Info — GNB2

Entrez GeneID	2783
Protein Accession#	P62879
Gene Name	GNB2
Gene Alias	-

Gene Description	guanine nucleotide binding protein (G protein), beta polypeptide 2
Omim ID	139390
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	G protein, beta-2 subunit OTTHUMP00000174601 OTTHUMP00000174602 guanine nucleotide-binding protein G(I)/G(S)/G(T) beta subunit 2 guanine nucleotide-binding protein, beta-2 subunit signal-transducing guanine nucleotide-binding regulatory protein beta subun

Pathway

- [Chemokine signaling pathway](#)