



GBLP Monoclonal Antibody

Catalog No	BYmab-06985
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB
Gene Name	GNB2L1 HLC7 PIG21
Protein Name	Guanine nucleotide-binding protein subunit beta-2-like 1 (Cell proliferation-inducing gene 21 protein) (Guanine nucleotide-binding protein subunit beta-like protein 12.3) (Human lung cancer oncogene 7
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	GBLP Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	34kD
Cell Pathway	Cell membrane ; Peripheral membrane protein. Cytoplasm . Cytoplasm, perinuclear region . Nucleus . Perikaryon . Cell projection, dendrite . Cell projection, phagocytic cup . Recruited to the plasma membrane through interaction with KRT1 which binds to membrane-bound ITGB1 (PubMed:17956333). Also associated with the membrane in oncogene-transformed cells (PubMed:11884618). PKC activation induces translocation from the perinuclear region to the cell periphery (PubMed:11279199). In the brain, detected mainly in cell bodies and dendrites with little expression in axonal fibers or nuclei (By similarity). Localized to phagocytic cups following infection by Y.pestis (PubMed:21347310). .
Tissue Specificity	In the liver, expressed at higher levels in activated hepatic stellate cells than in hepatocytes or Kupffer cells. Up-regulated in hepatocellular carcinomas and in the adjacent non-tumor liver tissue.

Nanjing BYabscience technology Co.,Ltd

网址: www.njbybio.com

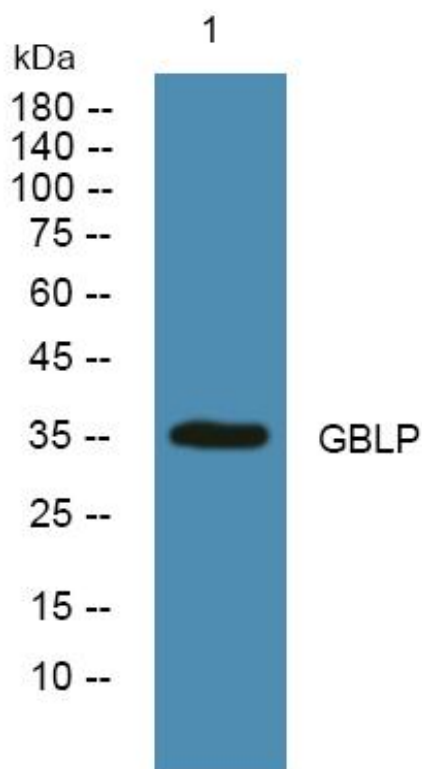
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Function	domain:The WD repeats domain 5 mediates interaction with TRIM63.,function:Seems to bind protein kinase C acting as an intracellular receptor to anchor the activated PKC to the cytoskeleton. May be involved in up-regulation of the activity of kinases such as PKC via binding to KRT1. Together with KRT1 and ITGB1, serves as a platform for SRC activation or inactivation. May play an important role in the developing brain and neuronal differentiation.,similarity:Belongs to the WD repeat G protein beta family.,similarity:Contains 7 WD repeats.,subcellular location:Located on plasma membrane of neuroblastoma NMB7 cells.,subunit:Binds SLC9A3R1. Forms a ternary complex with TRIM63 and PRKCE. Interacts with HABP4 and KRT1.,
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matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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