



RHPN2 Monoclonal Antibody

Catalog No	BYmab-06096
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	RHPN2
Protein Name	Rhophilin-2 (76 kDa RhoB effector protein) (GTP-Rho-binding protein 2) (p76RBE)
Immunogen	Synthesized peptide derived from human protein . at AA range: 110-190
Specificity	RHPN2 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	75kD
Cell Pathway	Cytoplasm, perinuclear region .
Tissue Specificity	Widely expressed. Highly expressed in prostate, trachea, stomach, colon, thyroid and pancreas. Expressed at lower level in brain, spinal cord, kidney, placenta and liver.
Function	function: Binds specifically to GTP-Rho. May function in a Rho pathway to limit stress fiber formation and/or increase the turnover of F-actin structures in the absence of high levels of RhoA activity.; induction: By thyrotropin (TSH). Regulated by the cAMP pathway.; similarity: Belongs to the RHPN family.; similarity: Contains 1 BRO1 domain.; similarity: Contains 1 PDZ (DHR) domain.; similarity: Contains 1 REM (Hr1) repeat.; subunit: Interacts with GTP-bound RhoA and RhoB. Interacts with both GTP- and GDP-bound RhoA. According to PubMed:12473120, it does not interact with RhoA. Interacts with KRT18.; tissue specificity: Widely expressed. Highly expressed in prostate, trachea, stomach, colon, thyroid and pancreas. Expressed at lower level in brain, spinal cord, kidney, placenta and liver.;

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Background	This gene encodes a member of the rhophilin family of Ras-homologous (Rho)-GTPase binding proteins. The encoded protein binds both GTP- and GDP-bound RhoA and GTP-bound RhoB and may be involved in the organization of the actin cytoskeleton. [provided by RefSeq, Apr 2009],
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