



# RIN1 Monoclonal Antibody

Catalog No	BYmab-04175
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	RIN1
Protein Name	Ras and Rab interactor 1
Immunogen	The antiserum was produced against synthesized peptide derived from human RIN1. AA range:655-704
Specificity	RIN1 Monoclonal Antibody detects endogenous levels of RIN1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA 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	RIN1; Ras and Rab interactor 1; Ras inhibitor JC99; Ras interaction/interference protein 1
Observed Band	84kD
Cell Pathway	Cytoplasm . Membrane . Cytoplasm, cytoskeleton . Some amount is membrane-associated.
Tissue Specificity	Expressed in all tissues examined with high levels in brain, placenta and pancreas.
Function	function:Ras effector protein, which may serve as an inhibitory modulator of neuronal plasticity in aversive memory formation. Can affect Ras signaling at different levels. First, by competing with RAF1 protein for binding to activated Ras. Second, by enhancing signaling from ABL1 and ABL2, which regulate cytoskeletal remodeling. Third, by activating RAB5A, possibly by functioning as a guanine nucleotide exchange factor (GEF) for RAB5A, by exchanging bound GDP for free GTP, and facilitating Ras-activated receptor endocytosis.,PTM:Phosphorylated on tyrosine residues by ABL1 and ABL2. Phosphorylated on Ser-351 by PKD.,similarity:Belongs to the RIN (Ras interaction/interference) family.,similarity:Contains 1 Ras-associating domain.,similarity:Contains 1 SH2

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