



RREB1 Monoclonal Antibody

Catalog No	BYmab-01996
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	RREB1
Protein Name	Ras-responsive element-binding protein 1
Immunogen	The antiserum was produced against synthesized peptide derived from human RREB1. AA range:560-609
Specificity	RREB1 Monoclonal Antibody detects endogenous levels of RREB1 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	RREB1; FINB; Ras-responsive element-binding protein 1; RREB-1; Finger protein in nuclear bodies; Raf-responsive zinc finger protein LZ321; Zinc finger motif enhancer-binding protein 1; Zep-1
Observed Band	180kD
Cell Pathway	Nucleus speckle .
Tissue Specificity	Expressed in heart, placenta, lung, liver, skeletal muscle, kidney and pancreas. Not found in the brain.
Function	function:Transcription factor that binds specifically to the RAS-responsive elements (RRE) of gene promoters. May be involved in Ras/Raf-mediated cell differentiation by enhancing calcitonin expression. Represses the angiotensinogen gene. Negatively regulates the transcriptional activity of AR. Potentiates the transcriptional activity of NEUROD1.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,sequence caution:Numerous sequencing errors.,sequence caution:Translation N-terminally extended.,similarity:Belongs to the krueppel C2H2-type zinc-finger protein family.,similarity:Contains 15

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	C2H2-type zinc fingers.,subunit:Interacts with NEUROD1 and AR.,tissue specificity:Expressed in heart, placenta, lung, liver, skeletal muscle, kidney and pancreas. Not found in the brain.,
Background	ras responsive element binding protein 1(RREB1) Homo sapiens The protein encoded by this gene is a zinc finger transcription factor that binds to RAS-responsive elements (RREs) of gene promoters. It has been shown that the calcitonin gene promoter contains an RRE and that the encoded protein binds there and increases expression of calcitonin, which may be involved in Ras/Raf-mediated cell differentiation. Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq, Dec 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.

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