CABIN Monoclonal Antibody

Catalog No	BYmab-05390
Isotype	IgG
Reactivity	Human;Rat
Applications	WB
Gene Name	CABIN1 KIAA0330
Protein Name	Calcineurin-binding protein cabin-1 (Calcineurin inhibitor) (CAIN)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CABIN 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	244kD
Cell Pathway	Nucleus .
Tissue Specificity	Widely expressed in different tissues.
Function	function:May be required for replication-independent chromatin assembly. May serve as a negative regulator of T-cell receptor (TCR) signaling via inhibition of calcineurin. Inhibition of activated calcineurin is dependent on both PKC and calcium signals.,PTM:Activated through PKC-mediated hyperphosphorylation. Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 6 TPR repeats.,subunit:Component of a complex that includes at least ASF1A, CABIN1, HIRA, histone H3.3 and UBN1. Interacts with calcineurin. Interacts with MEF2B.,tissue specificity:Widely expressed in different tissues.,
Background	Calcineurin plays an important role in the T-cell receptor-mediated signal transduction pathway. The protein encoded by this gene binds specifically to the activated form of calcineurin and inhibits calcineurin-mediated signal transduction.

	The encoded protein is found in the nucleus and contains a leucine zipper domain as well as several PEST motifs, sequences which confer targeted degradation to those proteins which contain them. Alternative splicing results in multiple transcript variants encoding two different isoforms. [provided by RefSeq, Jan 2011],
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