



RanBP3 (phospho-Ser58) mouse mAb

Catalog No	BYmab-10397
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	RANBP3
Protein Name	RanBP3 (Ser58)
Immunogen	Synthesized phosho peptide around human RanBP3 (Ser58)
Specificity	This antibody detects endogenous levels of Human RanBP3 (phospho-Ser58)
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	Ran-binding protein 3 (RanBP3)
Observed Band	60kD
Cell Pathway	Cytoplasm . Nucleus .
Tissue Specificity	Widely expressed with high levels in testis and heart.
Function	function:Acts as a cofactor for XPO1/CRM1-mediated nuclear export, perhaps as export complex scaffolding protein. Bound to XPO1/CRM1, stabilizes the XPO1/CRM1-cargo interaction. In the absence of Ran-bound GTP prevents binding of XPO1/CRM1 to the nuclear pore complex. Binds to CHC1/RCC1 and increases the guanine nucleotide exchange activity of CHC1/RCC1. Recruits XPO1/CRM1 to CHC1/RCC1 in a Ran-dependent manner.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 1 RanBD1 domain.,subunit:Interacts with CHC1 in a Ran-stimulated manner. Interacts with XPO1.,tissue specificity:Widely expressed with high levels in testis and heart.,
Background	This gene encodes a protein with a RanBD1 domain that is found in both the nucleus and cytoplasm. This protein plays a role in nuclear export as part of a

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heteromeric complex. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008],

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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网址: www.njbybio.com

官方热线: 025-5229-8998

监督电话: 15950492658