



RANB3 mouse mAb

Catalog No	YP-mAb-08033
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	RANBP3
Immunogen	Synthesized peptide derived from human RANB3 AA range: 421-471
Specificity	This antibody detects endogenous levels of RANB3 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.147% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	AH2;4933425L19Rik;ZRANB3;RANB3;RANBP3;Ran-binding protein 3 (RanBP3)
Observed Band	60kD
Calculated Molecular Weight	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 heteromeric complex. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008],

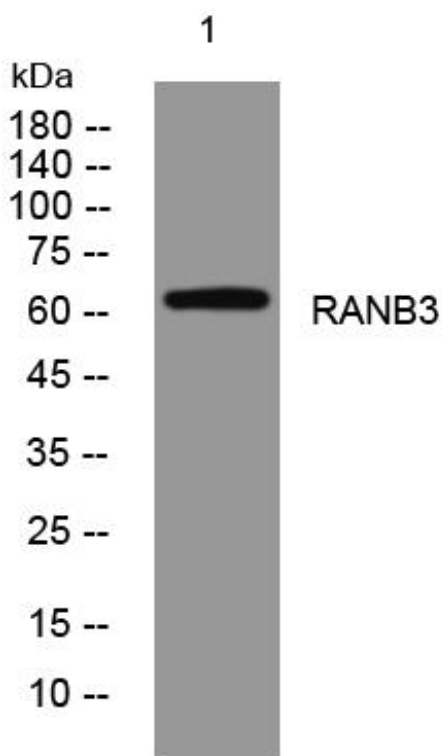
matters needing attention

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



Western Blot analysis of various cells using RANB3 mouse mAb