Nature Biosciences

RANBP3 Rabbit mAb[6L64]

Cat NO. :A36324

Information:

Applications	Reactivity:	UniProt ID:	MW(kDa)	Host	Isotype	Size
IHC	M,R	Q9H6Z4		Rabbit	IgG	50ul 100ul,200ul

Applications detail：

Application	Dilution
IHC	1:100

The optimal dilutions should be determined by the end user

Conjugate：

UnConjugate

Form：

Liquid

sensitivity：

Endogenous

Purification：

Protein A purification

Specificity：

Antibody is produced by immunizing animals with a synthetic peptide of Mouse RANBP3.

Storage buffer and conditions：

Antibody store in 10 mM PBS, 0.5mg/ml BSA, 50% glycerol（buffer）.

Shipped at 4℃. Store at-20℃ or -80℃.

Products are valid for one natural year of receipt.Avoid repeated freeze / thaw cycles.

Tissue specificity：

Widely expressed with high levels in testis and heart..

Subcellular location:

Cytoplasm. Nucleus.

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. Negative regulator of TGF-beta signaling through interaction with the R-SMAD proteins, SMAD2 and SMAD3, and mediating their nuclear export..

Introduction: **WB:** Western Blot **IP:** Immunoprecipitation **IHC:** Immunohistochemistry **ChIP:** Chromatin Immunoprecipitation **ICC/IF:** Immunocytochemistry/ Immunofluorescence **F:** Flow Cytometry

Cross Reactivity: **H:** human **M:** mouse **R:** rat **Hm:** hamster **Mk:** monkey **Vir:** virus **Ml:** mink **C:** chicken **Dm** D. melanogaster **X:** Xenopus **Z:** zebrafish **B:** bovine **Dg:** dog **Pg:** pig **Hr:** horse

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Validation Data：

RANBP3 Rabbit mAb[6L64]　Images

Western blot （ SDS PAGE ）　analysis of extracts from .Using RANBP3 Rabbit mAb IgG [6L64] at dilution of 1:1000 incubated at 4℃ over night.

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