



# RanBP3 (phospho-Ser58) rabbit pAb

<b>Catalog No</b>	BYab-10397
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA;IHC
<b>Gene Name</b>	RANBP3
<b>Protein Name</b>	RanBP3 (Ser58)
<b>Immunogen</b>	Synthesized phospho peptide around human RanBP3 (Ser58)
<b>Specificity</b>	This antibody detects endogenous levels of Human RanBP3 (phospho-Ser58)
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	Ran-binding protein 3 (RanBP3)
<b>Observed Band</b>	60kD
<b>Cell Pathway</b>	Cytoplasm . Nucleus .
<b>Tissue Specificity</b>	Widely expressed with high levels in testis and heart.
<b>Function</b>	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.,
<b>Background</b>	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

Nanjing BYabscience technology Co.,Ltd



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

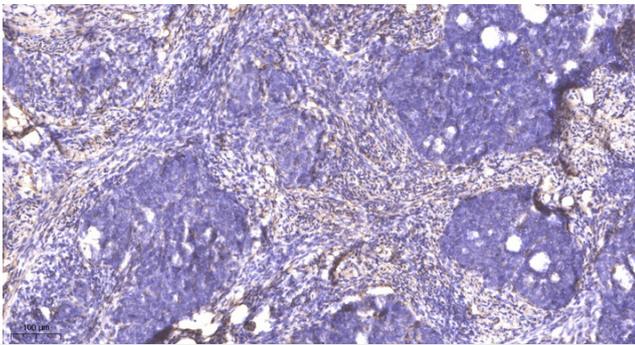
**matters needing attention**

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



Immunohistochemical analysis of paraffin-embedded human cervical carcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).