

## Ran BP-17 Polyclonal Antibody

<b>Catalog No :</b>	YT3999
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;IHC
<b>Target :</b>	Ran BP-17
<b>Fields :</b>	>>Nucleocytoplasmic transport
<b>Gene Name :</b>	RANBP17
<b>Protein Name :</b>	Ran-binding protein 17
<b>Human Gene Id :</b>	64901
<b>Human Swiss Prot No :</b>	Q9H2T7
<b>Mouse Gene Id :</b>	66011
<b>Mouse Swiss Prot No :</b>	Q99NF8
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human RANBP17. AA range:145-194
<b>Specificity :</b>	Ran BP-17 Polyclonal Antibody detects endogenous levels of Ran BP-17 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000;IHC 1:50-300
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 125kD

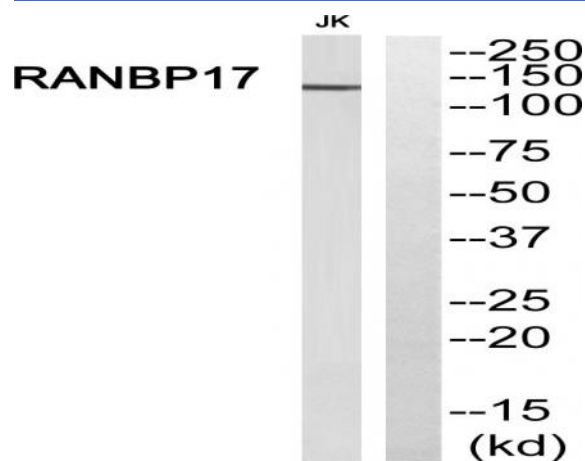
**Background :** RAN binding protein 17(RANBP17) Homo sapiens The transport of protein and large RNAs through the nuclear pore complexes (NPC) is an energy-dependent and regulated process. The import of proteins with a nuclear localization signal (NLS) is accomplished by recognition of one or more clusters of basic amino acids by the importin-alpha/beta complex; see MIM 600685 and MIM 602738. The small GTPase RAN (MIM 601179) plays a key role in NLS-dependent protein import. RAN-binding protein-17 is a member of the importin-beta superfamily of nuclear transport receptors.[supplied by OMIM, Jul 2002],

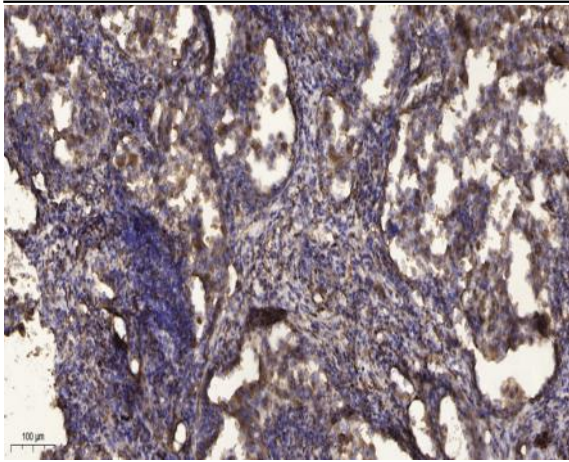
**Function :** function:May function as a nuclear transport receptor.,similarity:Belongs to the exportin family.,subunit:Binds to nucleoporins and the GTP-bound form of Ran.,tissue specificity:Highly expressed in testis, moderately in pancreas and weakly in other tissues studied.,

**Subcellular Location :** Cytoplasm . Nucleus . Nucleus, nuclear pore complex .

**Expression :** Highly expressed in testis, moderately in pancreas and weakly in other tissues studied.

## Products Images





Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 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).