

### **RANBP17 Polyclonal Antibody**

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57904

# **Specification**

## **RANBP17 Polyclonal Antibody - Product Information**

Application IHC-P, IHC-F, IF, ICC, E

Primary Accession

Reactivity

Rat, Pic

Reactivity
Host
Clonality
Calculated MW
Physical State

Rat, Pig, Chimpanzee, Bovine
Rabbit
Polyclonal
124 KDa
Liquid

Immunogen KLH conjugated synthetic peptide derived

from human RANBP17

1001-1088/1088

IgG

**Epitope Specificity** 

Isotype **Purity** 

affinity purified by Protein A

Buffer Preservative: 0.02% Proclin300,

SUBCELLULAR LOCATION Constituents: 1% BSA, 0.01M PBS, pH7.4. Cytoplasm. Nucleus. Nucleus > nuclear

pore complex.

SIMILARITY Belongs to the exportin family.

Important Note

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

### **Background Descriptions**

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]

## **RANBP17 Polyclonal Antibody - Additional Information**

Gene ID 64901

**Other Names** 

Ran-binding protein 17, RANBP17

Target/Specificity

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

**Dilution** 

<span class ="dilution\_IHC-P">IHC-P~~N/A</span><br/><br/>span class

="dilution\_IHC-F">IHC-F $\sim$ N/A</span><br\><span class



="dilution\_IF">IF $\sim$ 1:50 $\sim$ 200</span><br\><span class ="dilution\_ICC">ICC $\sim$ N/A</span><br\><span class ="dilution\_E">E $\sim$ N/A</span>

### Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

# **RANBP17 Polyclonal Antibody - Protein Information**

#### Name RANBP17

### **Function**

May function as a nuclear transport receptor.

#### **Cellular Location**

Cytoplasm. Nucleus. Nucleus, nuclear pore complex

#### **Tissue Location**

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

# **RANBP17 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# **RANBP17 Polyclonal Antibody - Images**