

**RANBP17 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP18509A**

**Specification**

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**RANBP17 Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O9H2T7</a>
Other Accession	<a href="#">O99NF8</a> , <a href="#">NP_075048.1</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	149-175

**RANBP17 Antibody (N-term) - Additional Information**

**Gene ID** 64901

**Other Names**

Ran-binding protein 17, RANBP17

**Target/Specificity**

This RANBP17 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 149-175 amino acids from the N-terminal region of human RANBP17.

**Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

RANBP17 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**RANBP17 Antibody (N-term) - Protein Information**

**Name** RANBP17

**Function** May function as a nuclear transport receptor.

**Cellular Location**

Cytoplasm. Nucleus. Nucleus, nuclear pore complex

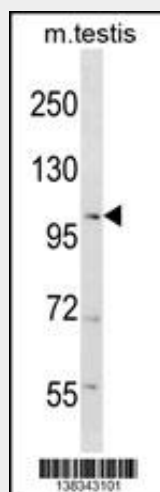
**Tissue Location**

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

**RANBP17 Antibody (N-term) - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**RANBP17 Antibody (N-term) - Images**

RANBP17 Antibody (N-term) (Cat. #AP18509a) western blot analysis in mouse testis tissue lysates (35ug/lane). This demonstrates the RANBP17 antibody detected the RANBP17 protein (arrow).

**RANBP17 Antibody (N-term) - Background**

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.

**RANBP17 Antibody (N-term) - References**

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)  
Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)  
Kutay, U., et al. J. Biol. Chem. 275(51):40163-40168(2000)  
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