

# RANBP17 Antibody (N-term) Blocking Peptide

Synthetic peptide Catalog # BP18509a

## **Specification**

## RANBP17 Antibody (N-term) Blocking Peptide - Product Information

**Primary Accession** 

**Q9H2T7** 

## RANBP17 Antibody (N-term) Blocking Peptide - Additional Information

**Gene ID 64901** 

#### **Other Names**

Ran-binding protein 17, RANBP17

#### **Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

### **Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

## **Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

# RANBP17 Antibody (N-term) Blocking Peptide - 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) Blocking Peptide - Protocols

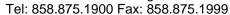
Provided below are standard protocols that you may find useful for product applications.

#### Blocking Peptides

RANBP17 Antibody (N-term) Blocking Peptide - Images

RANBP17 Antibody (N-term) Blocking Peptide - Background







The transport of protein and large RNAs through thenuclear 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 ofbasic amino acids by the importin-alpha/beta complex; see MIM600685 and MIM 602738. The small GTPase RAN (MIM 601179) plays akey role in NLS-dependent protein import. RAN-binding protein-17 is a member of the importin-beta superfamily of nuclear transportreceptors.

# RANBP17 Antibody (N-term) Blocking Peptide - 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)Koch, P., et al. Biochem. Biophys. Res. Commun. 278(1):241-249(2000)