

Rabbit Anti-RANBP17/AF350 Conjugated antibody

SL21153R-AF350

Product Name Anti-RANBP17/AF350

Chinese Name AF350 标记的 RANBinding protein17 抗体

Alias Exp 7; Exp7; Exportin 7; Exportin7; KIAA0745; RAN binding protein 16; RANBP 16; XPO 7; XPO7.

Research Area Cell biology Signal transduction Binding protein G protein signal

Immunogen Species Rabbit

Clonality Polyclonal

React Species (predicted:Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,Sheep,GuineaPig,Chimpanzee)
ICC/IF=1:50-200,IF=1:100-500

Applications not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Molecular weight 124kDa

Form Lyophilized or Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from human RANBP17

Lsotype IgG

Purification affinity purified by Protein A

Storage Buffer 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol

Storage Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Product Detail **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.[supplied by OMIM, Jul 2002]

Function:

May function as a nuclear transport receptor.

Subcellular Location:

Cytoplasm. Nucleus. Nucleus > nuclear pore complex.

Tissue Specificity:

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

Similarity:

Belongs to the exportin family.

Database links:

[Entrez Gene: 739299](#) Chimpanzee

[Entrez Gene: 529222](#) Cow

[Entrez Gene: 479293](#) Dog

[Entrez Gene: 64901](#) Human

[Entrez Gene: 100526145](#) Pig

[Entrez Gene: 303029](#) Rat

[Omim: 606141](#) Human

[SwissProt: Q9H2T7](#) Human

[Unigene: 410810](#) Human

Important Note:

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