SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-RANBP17/Biotin Conjugated antibody

Catalog Number: SL21153R-Bio

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-RANBP17/Biotin
Immunogen:	KLH conjugated synthetic peptide derived from human RANBP17
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
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.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:50-200 IF=1:100-500 ELISA=1:500-5000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted:Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,Sheep,GuineaPig,Chimpanzee)
Background:	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.

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

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	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.

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