SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-PNRC2/Biotin Conjugated antibody

Catalog Number: SL12748R-Bio

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-PNRC2/Biotin
Immunogen:	KLH conjugated synthetic peptide derived from human PNRC2
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 IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse,Rat(predicted:Human)
Background:	**Function:** Involved in nonsense-mediated mRNA decay (NMD) by acting as a bridge between the mRNA decapping complex and the NMD machinery. May act by targeting the NMD machinery to the P-body and recruiting the decapping machinery to aberrant mRNAs. Required for UPF1/RENT1 localization to the P-body. Also acts as a nuclear receptor coactivator. May play a role in controlling the energy balance between energy storage and energy expenditure. **Subcellular Location:** Nucleus. Cytoplasm > P-body. **Tissue Specificity:** Expressed in heart, lung, muscle and brain. **Similarity:** Belongs to the PNRC family. PNRC2 subfamily. **Database links:** **Entrez Gene:** 100505603 Human **Entrez Gene:** 55629 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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	Entrez Gene: 52830 Mouse **Entrez Gene:** 100125373 Rat Omim: 611882 Human **SwissProt:** Q9NPJ4 Human **SwissProt:** Q9CR73 Mouse **SwissProt:** Q66HE1 Rat **Unigene:** 512636 Human **Unigene:** 644217 Human **Unigene:** 716935 Human **Unigene:** 7862 Human **Unigene:** 29159 Mouse **Unigene:** 118788 Rat Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.