

For Research Use Only

# PNRC2 Polyclonal antibody

Catalog Number: 51050-1-AP **1 Publications**



## Basic Information

**Catalog Number:**

51050-1-AP

**Size:**

133 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG0099

**GenBank Accession Number:**

BC001959

**GeneID (NCBI):**

55629

**UNIPROT ID:**

Q9NPJ4

**Full Name:**

proline-rich nuclear receptor  
coactivator 2

**Calculated MW:**

16 kDa

**Observed MW:**

25 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

ELISA

**Cited Applications:**

WB, IHC, ChIP

**Species Specificity:**

human, mouse

**Cited Species:**

human

## Background Information

PNRC2 belongs to the PNRC family and PNRC2 subfamily. It is involved in nonsense-mediated mRNA decay (NMD) by acting as a bridge between the mRNA decapping complex and the NMD machinery. It is required for UPF1/RENT1 localization to the P-body. PNRC2 also acts as a nuclear receptor coactivator. It may play a role in controlling the energy balance between energy storage and energy expenditure. (PMID:19150429) PNRC2 functions as a coactivator of several nuclear receptors, including ERRα, and participates in the activation of aromatase in conjunction with ERRα. Growth factor signaling promotes PELP1 recruitment to the aromatase chromatin and its formation of a complex with ERRα and PNRC2. (PMID:18079323)

## Notable Publications

Author	Pubmed ID	Journal	Application
Rajhans Rajib R	18079323	Mol Endocrinol	WB, IHC, ChIP

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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## Selected Validation Data