

## Rabbit Anti-PNRC2/AP Conjugated antibody

SL12748R-AP

|                          |                                                                                                                                                                                                                                                                                                                                                                                       |
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| <b>Product Name</b>      | Anti-PNRC2/AP                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Chinese Name</b>      | 碱性磷酸酶（AP）标记的富含脯氨酸核受体共激活因子 2 抗体                                                                                                                                                                                                                                                                                                                                                        |
| <b>Alias</b>             | 0610011E17Rik; D4Bwg0593e; FLJ20312; MGC11707; MGC93828; MGC99541; OTTMUSP00000010360; OTTMUSP00000010366; pnc2; PNRC2_HUMAN; Proline rich nuclear receptor coactivator 2; Proline-rich nuclear receptor coactivator 2; RP11-4M23.5; RP23-161N17.3.                                                                                                                                   |
| <b>Research Area</b>     | Cell biology Epigenetics                                                                                                                                                                                                                                                                                                                                                              |
| <b>Immunogen Species</b> | Rabbit                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Clonality</b>         | Polyclonal                                                                                                                                                                                                                                                                                                                                                                            |
| <b>React Species</b>     | Mouse,Rat(predicted:Human)                                                                                                                                                                                                                                                                                                                                                            |
| <b>Applications</b>      | IHC-P=1:100-500,IHC-F=1:100-500<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user.                                                                                                                                                                                                                                    |
| <b>Molecular weight</b>  | 16kDa                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Form</b>              | Lyophilized or Liquid                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Concentration</b>     | 1mg/ml                                                                                                                                                                                                                                                                                                                                                                                |
| <b>immunogen</b>         | KLH conjugated synthetic peptide derived from human PNRC2                                                                                                                                                                                                                                                                                                                             |
| <b>Lsotype</b>           | IgG                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Purification</b>      | affinity purified by Protein A                                                                                                                                                                                                                                                                                                                                                        |
| <b>Storage Buffer</b>    | 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.                                                                                                                                                                                                                                                                                                                            |
| <b>Storage</b>           | 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.                                                            |
| <b>Product Detail</b>    | <b>Function:</b><br>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

[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



SunLong Biotech Co.,LTD

Tel: 0086-571-56623320 Fax:0086-571-56623318

E-mail:sales@sunlongbiotech.com

www.sunlongbiotech.com

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human, therapeutic or diagnostic applications.