

**PRRX1 Antibody (internal region)**  
Peptide-affinity purified goat antibody  
Catalog # AF2652a

**Specification**

**PRRX1 Antibody (internal region) - Product Information**

|                   |                                                                                     |
|-------------------|-------------------------------------------------------------------------------------|
| Application       | WB                                                                                  |
| Primary Accession | <a href="#">P54821</a>                                                              |
| Other Accession   | <a href="#">NP_008833.1</a> ,<br><a href="#">NP_073207.1</a> , <a href="#">5396</a> |
| Reactivity        | Human                                                                               |
| Predicted         | Mouse                                                                               |
| Host              | Goat                                                                                |
| Clonality         | Polyclonal                                                                          |
| Concentration     | 0.5 mg/ml                                                                           |
| Isotype           | IgG                                                                                 |
| Calculated MW     | 27296                                                                               |

**PRRX1 Antibody (internal region) - Additional Information**

**Gene ID** 5396

**Other Names**

Paired mesoderm homeobox protein 1, Homeobox protein PHOX1, Paired-related homeobox protein 1, PRX-1, PRRX1, PMX1

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

PRRX1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**PRRX1 Antibody (internal region) - Protein Information**

**Name** PRRX1



AF1871a (1 µg/ml) staining of Human Heart lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**PRRX1 Antibody (internal region) - Background**

This antibody is expected to recognise both reported isoforms (NP\_008833.1; NP\_073207.1);

**PRRX1 Antibody (internal region) - References**

Human prx1 gene is a target of Nrf2 and is up-regulated by hypoxia/reoxygenation: implication to tumor biology. Kim YJ, Ahn JY, Liang P, Ip C, Zhang Y, Park YM. Cancer Res. 2007 Jan 15;67(2):546-54. PMID: 17234762

**Synonyms** PMX1**Function**

Acts as a transcriptional regulator of muscle creatine kinase (MCK) and so has a role in the establishment of diverse mesodermal muscle types. The protein binds to an A/T-rich element in the muscle creatine enhancer (By similarity).

**Cellular Location**

Nucleus.

**PRRX1 Antibody (internal region) -  
Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)