

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB08175 - Goat Anti-PRRX1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PRRX1, paired related homeobox 1, PHOX1, PMX1, PRX1, homeobox protein PHOX1, paired mesoderm homeo box 1, paired mesoderm homeobox 1

**Official Symbol:** PRRX1

**Accession Number(s):** NP\_008833.1; NP\_073207.1

**Human GeneID(s):** [5396](#)

**Non-Human GeneID(s):** 18933 (mouse)

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

### Immunogen

Peptide with sequence C-GSDTPQQDNDQ, from the internal region of the protein sequence according to NP\_008833.1; NP\_073207.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:4000.

**Western blot:** Approx 28kDa band observed in Human Heart lysates (calculated MW of 27.3kDa according to NP\_073207.1). Recommended concentration: 1-3µg/ml.

**IHC:** Paraffin embedded Human Uterus. Recommended concentration: 5µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse

EB08175 (1µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.

EB08175 (5µg/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.