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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 1:2000.

Western blot: Approx 28kDa band observed in Mouse Heart lysates, and approx. 22-23kDa in lysates of cell line LNCaP (calculated MW of 24.4kDa according to Human NP_008833.1) and 27.3kDa according to Mouse NP_035257.1 (.Recommended concentration: 1-2µg/ml. Primary incubation 1 hour at room temperature.

Species Reactivity

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse, Cow

EB08175 (2µg/ml) staining of LNCaP cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB08175 (1µg/ml) staining of Mouse Heart lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.