

International 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 1:2000.

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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

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