

Goat anti-PRRX1 Antibody

Item Number	dAP-1242
Target Molecule	Principle Name: PRRX1; Official Symbol: PRRX1; All Names and Symbols: PRRX1; paired related homeobox 1; PHOX1; PMX1; PRX1; homeobox protein PHOX1; paired mesoderm homeobox 1; paired mesoderm homeobox 1; Accession Number (s): NP_008833.1; NP_073207.1; Human Gene ID(s): 5396; Non-Human GeneID(s): 18933 (mouse)
Immunogen	GSDTPQQDNDQ, is from internal region This antibody is expected to recognise both reported isoforms (NP_008833.1; NP_073207.1).
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 4000.
Western Blot	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	Immunohistochemistry: Paraffin embedded Human Uterus. Recommended concentration: 5µg/ml.
Reference	Reference(s): Kim YJ, Ahn JY, Liang P, Ip C, Zhang Y, Park YM. Human prx1 gene is a target of Nrf2 and is up-regulated by hypoxia/reoxygenation: implication to tumor biology. Cancer Res. 2007 Jan 15;67(2):546-54..PMID: 17234762 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**