

Goat PRX-1 / PRRX1 Polyclonal Antibody | anti-PRX-1 antibody

Goat Polyclonal to Human PRX-1 / PRRX1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50868	Goat	Gibbon, Bovine, Chicken, Dog, Gorilla, Hamster, Horse, Human, Mouse, Pig, Rabbit, Rat Predicted Reactivity: Monkey (at least 90% immunogen sequence identity)	ELISA, Western Blot, Immunohistochemistry

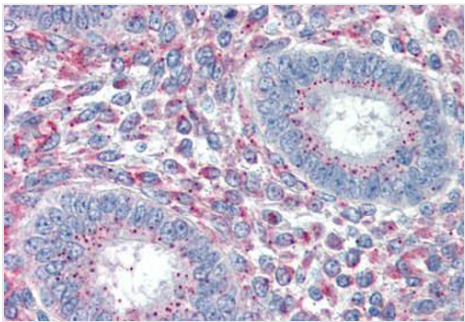
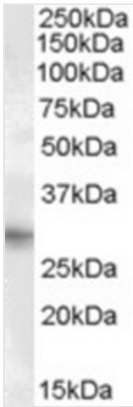
PRODUCT SYNONYMS

PRX-1 / PRRX1; Polyclonal Antibody; Goat Polyclonal to Human PRX-1 / PRRX1; Anti-PRX-1 / PRRX1 Antibody (Internal) IHC-plus; PRRX1; AGOTC; Homeobox protein PHOX1; Paired related homeobox 1; PHOX1; PRX1; Paired mesoderm homeo box 1; PRX-1; PMX1; Human PRX-1; anti-PRX-1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Gibbon, Bovine, Chicken, Dog, Gorilla, Hamster, Horse, Human, Mouse, Pig, Rabbit, Rat Predicted Reactivity: Monkey (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human PRRX1. This antibody is expected to recognise both reported isoforms (NP_008833.1; NP_073207.1).
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	217
Applicable Applications for anti-PRX-1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide C-GSDTPQQDNDQ from an internal region of human PRRX1 (NP_008833.1; NP_073207.1).
Immunogen Type	Synthetic peptide
Immunogen	PRX-1 / PRRX1 antibody was raised against synthetic peptide C-GSDTPQQDNDQ from an internal region of human PRRX1 (NP_008833.1; NP_073207.1). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Mouse, Rat, Hamster, Panda, Bovine, Dog, Horse, Rabbit, Pig, Opossum, Chicken (100%); Marmoset, Elephant (91%).
Antigen Modification	Internal
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-PRRX1 antibody IHC of human uterus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

WB (Western Blot)
Antibody (1 ug/ml) staining of Human Heart lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-PRX-1 antibody	The DNA-associated protein encoded by this gene is a member of the paired family of homeobox proteins localized to the nucleus. The protein functions as a transcription co-activator, enhancing the DNA-binding activity of serum response factor, a protein required for the induction of genes by growth and differentiation factors. The protein regulates muscle creatine kinase, indicating a role in the establishment of diverse mesodermal muscle types.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5902024
NCBI GeneID	5396
NCBI Accession #	NP_008833.1
NCBI GenBank Nucleotide #	NM_006902.4
Molecular Weight	24,396 Da
NCBI Official Full Name	paired mesoderm homeobox protein 1 isoform pmx-1a
NCBI Official Synonym Full Names	paired related homeobox 1
NCBI Official Symbol	PRRX1
NCBI Official Synonym Symbols	PMX1; PRX1; AGOTC; PHOX1; PRX-1
NCBI Protein Information	paired mesoderm homeobox protein 1; homeobox protein PHOX1; paired mesoderm homeobox 1 isoform pmx-1b
UniProt Protein Name	Paired mesoderm homeobox protein 1
UniProt Gene Name	PRRX1
UniProt Synonym Gene Names	PMX1; PRX-1
UniProt Entry Name	PRRX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.