

Rabbit PRX1 Polyclonal Antibody | anti-PRX1 antibody

PRX1 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318689	Rabbit	Human, Mouse, Rat	ELISA, Western Blot

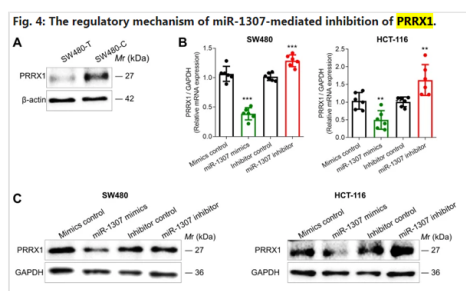
PRODUCT SYNONYMS

PRX1; Polyclonal Antibody; PRX1 Rabbit Polyclonal Antibody; PRRX1; PMX1; paired mesoderm homeobox protein 1; Homeobox protein PHOX1; paired related homeobox protein 1; PRX-1; BH6842; anti-PRX1 antibody

PRODUCT SPECIFICATIONS

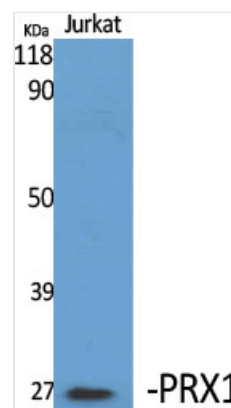
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	PRX1 Polyclonal Antibody detects endogenous levels of PRX1 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-PRX1 antibody	ELISA, WB (Western Blot)
Immunogen	Synthesized peptide derived from PRX1. at AA range: 30-110
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



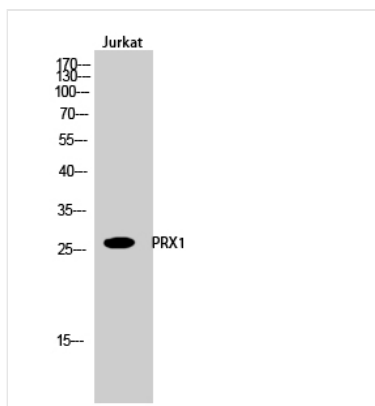
Application Data

Yang, M., Liu, X., Meng, F. et al. The rs7911488-T allele promotes the growth and metastasis of colorectal cancer through modulating miR-1307/PRRX1. Cell Death Dis 11, 651 (2020).



WB (Western Blot)

Western Blot analysis of various cells using PRX1 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent Biotech, MN, USA).



WB (Western Blot)

Western Blot analysis of Jurkat cells using PRX1 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).

ADDITIONAL INFORMATION

Related Product Information for anti-PRX1 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. Alternative splicing yields two isoforms that differ in abundance and expression patterns. [provided by RefSeq, Jul 2008]

NCBI AND UNIPROT INFORMATION

NCBI GI #	5902024
NCBI GeneID	5396
NCBI Accession #	NP_008833.1
NCBI GenBank Nucleotide #	NM_006902.3
UniProt Accession #	P54821; O60807; B5BUM7
Molecular Weight	27,296 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; paired-related homeobox protein 1; 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.