

PRRX1 rabbit monoclonal antibody

Catalog # H00005396-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PRRX1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PRRX1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PRRX1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — PRRX1

Entrez GeneID	5396
GeneBank Accession#	PRRX1
Gene Name	PRRX1
Gene Alias	PHOX1, PMX1, PRX1
Gene Description	paired related homeobox 1
Omim ID	167420
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	OTTHUMP00000033166 OTTHUMP00000033167 homeobox protein PHOX1 paired mesoderm homeobox 1 paired mesoderm homeobox 1 paired mesoderm homeobox 1 isoform pmx-1b

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Tooth Abnormalities](#)