
Product Name: PRX1 Rabbit Polyclonal Antibody**Catalog #: APRab16571**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight	27kDa

Antigen Information

Gene Name	PRRX1
Alternative Names	PRRX1; PMX1; Paired mesoderm homeobox protein 1; Homeobox protein PHOX1; Paired-related homeobox protein 1; PRX-1
Gene ID	5396.0
SwissProt ID	P54821
Immunogen	Synthesized peptide derived from PRX1 . at AA range: 30-110

Background

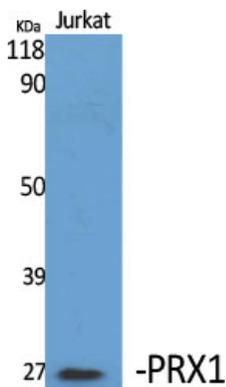
The DNA-associated protein encoded by this gene is a member of the paired family of homeobox proteins localized to the

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],function:Acts as a transcriptional regulator of muscle creatine kinase (MCK) and so has a role in the establishment of diverse mesodermal muscle types. The protein binds to an A/T-rich element in the muscle creatine enhancer.,similarity:Belongs to the paired homeobox family.,similarity:Contains 1 homeobox DNA-binding domain.,similarity:Contains 1 OAR domain.,

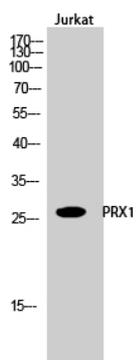
Research Area

Domain Families; Developmental Families; Epigenetics and Nuclear Signaling; Transcription; Transcription Factors

Image Data



Western Blot analysis of various cells using PRX1 Polyclonal Antibody.



Western Blot analysis of Jurkat cells using PRX1 Polyclonal Antibody.