



Anti-PRRX1 polyclonal antibody (DPAB-DC2295)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Specificity	This antibody is expected to recognize both reported isoforms (NP_008833.1, NP_073207.1).
Immunogen	A synthetic peptide corresponding to human PRRX1. The sequence is C-GSDTPQQDNDQ
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB (Tissue lysate), ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide

Storage

Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	PRRX1 paired related homeobox 1 [Homo sapiens (human)]
Official Symbol	PRRX1
Synonyms	PRRX1; paired related homeobox 1; PMX1; PRX1; AGOTC; PHOX1; PRX-1; paired mesoderm homeobox protein 1; homeobox protein PHOX1; paired mesoderm homeobox 1 isoform pmx-1b;
Entrez Gene ID	5396
Protein Refseq	NP_008833
UniProt ID	P54821
Chromosome Location	1q24
Function	HMG box domain binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; transcription coactivator activity