



Anti-PRRX2 (aa 110-202) polyclonal antibody (DPAB-DC2174)

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. Expression is localized to proliferating fetal fibroblasts and the developing dermal layer, with downregulated expression in adult skin. Increases in expression of this gene during fetal but not adult wound healing suggest a possible role in mechanisms that control mammalian dermal regeneration and prevent formation of scar response to wounding. The expression patterns provide evidence consistent with a role in fetal skin development and a possible role in cellular proliferation.
Immunogen	PRRX2 (NP_057391, 110 a.a. ~ 202 a.a) partial recombinant protein with GST tag. The sequence is TFNSSQLQALERVFERHYPDAFVREELARRVNLSEARVQVWFQNRRAKFRNRNERAMLAS RSASLLKSYSQEAIEQPVAPRPTALSPDYLSW
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	PRRX2 paired related homeobox 2 [Homo sapiens (human)]
Official Symbol	PRRX2
Synonyms	PRRX2; paired related homeobox 2; PMX2; PRX2; paired mesoderm homeobox protein 2; PRX-2; paired-related homeobox protein 2; paired-like homeodomain protein PRX2;
Entrez Gene ID	51450
Protein Refseq	NP_057391
UniProt ID	Q99811
Chromosome Location	9q34.1
Function	sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;