

PRRX2 rabbit monoclonal antibody

Catalog # H00051450-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PRRX2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PRRX2 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 PRRX2 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 — PRRX2

Entrez GeneID [51450](#)

GeneBank Accession# [PRRX2](#)

Gene Name PRRX2

Gene Alias MGC19843, PMX2, PRX2

Gene Description paired related homeobox 2

Omim ID [604675](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations

OTTHUMP00000022344|paired mesoderm homeobox protein 2|paired-like homeodomain protein PRX2|predicted NUP98/PRRX2 fusion protein

Disease

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