

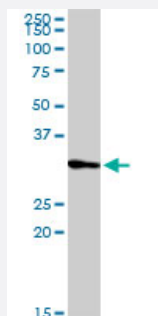
MaxPab®

PRRX2 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00051450-D01

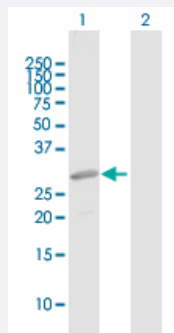
Size 100 uL

Applications



Western Blot (Tissue lysate)

PRRX2 MaxPab rabbit polyclonal antibody. Western Blot analysis of PRRX2 expression in mouse brain.

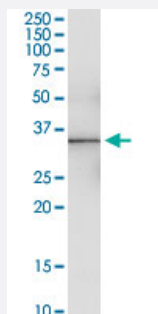


Western Blot (Transfected lysate)

Western Blot analysis of PRRX2 expression in transfected 293T cell line ([H00051450-T02](#)) by PRRX2 MaxPab polyclonal antibody.

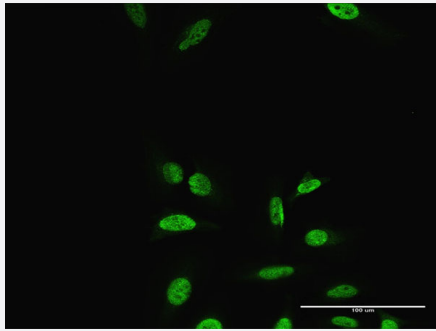
Lane 1: PRRX2 transfected lysate(27.10 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of PRRX2 transfected lysate using anti-PRRX2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with PRRX2 purified MaxPab mouse polyclonal antibody (B01P) ([H00051450-B01P](#)).



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PRRX2 on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PRRX2 protein.
Immunogen	PRRX2 (NP_057391.1, 1 a.a. ~ 253 a.a) full-length human protein.
Sequence	MDSAAAFALDKPALGPGPPPPPPALGPGDCAQARKNFSVSHLLDLEEVAAAGRLAARPGARA EAREGAAREPSGGSSGSEAAPQDGECPSPGRGSAAKRKKKQRRNRRTTFNSSLQALERVFER THYPDAFVREELARRVNLSEARVQVWFQNRRAKFRRNERAMLASRSASLLKSYSQEAIEQPVA PRPTALSPDYLSWTASSPYSTVPPYSPGSSGPATPGVNMANSIASLRLKAKEFSLHHSQVPTVN
Host	Rabbit
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (87); Rat (89)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

PRRX2 MaxPab rabbit polyclonal antibody. Western Blot analysis of PRRX2 expression in mouse brain.

[Protocol Download](#)

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Western Blot analysis of PRRX2 expression in transfected 293T cell line ([H00051450-T02](#)) by PRRX2 MaxPab polyclonal antibody.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PRRX2 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — PRRX2

Entrez GeneID [51450](#)

GeneBank Accession# [NM_016307.3](#)

Protein Accession# [NP_057391.1](#)

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

Publication Reference

- [Uterine Prx2 restrains decidual differentiation through inhibiting lipolysis in mice.](#)

Jiang Y, Kong S, He B, Wang B, Wang H, Lu J.

Cell and Tissue Research 2016 Mar; 365(2):403.

Application: WB-Ti, Mouse, Mouse uterine tissues

Disease

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