BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
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Anti-PRRX1 Antibody

Catalog Number: A04774

About PRRX1

The paired related homeobox protein 1 (PRRX1) is a paired-type DNA-binding homeodomain that plays an important role as a key switch for neural cell lineage determination and is essential for development (1,2). PRRX1 is expressed in a number of undifferentiated mesenchymal cells in mouse embryos and adults (3). Mice with a disrupted PRRX1 gene show perinatal death with craniofacial and limb malformations (4). Low PRRX1 expression levels were significantly associated with metastasis and poor prognosis of breast and colorectal cancer (5).

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Overview

Product Name	Anti-PRRX1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PRRX1 Antibody (Catalog # A04774). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	PRRX1 antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	PRRX1 antibody can be stored at 4°C, stable for up to one year.
Host	Rabbit
Uniprot ID	P54821

Technical Details

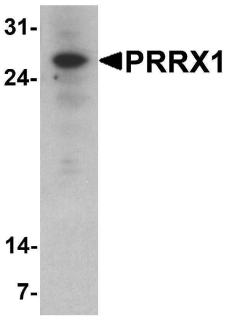
Immunogen	PRRX1 antibody was raised against a 19 amino acid peptide near the center of human PRRX1. The immunogen is located within amino acids 70 - 120 of PRRX1.
Predicted Reactive Species	Chicken
Cross Reactivity	PRRX1 antibody is human, mouse and rat reactive. At least two isoforms of PRRX1 are known to exist; this antibody will detect both isoforms.

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Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	PRRX1 antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	PRRX1 antibody can be used for detection of PRRX1 by Western blot at 1 - 2 ug/ml. Antibody validated: Western Blot in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-PRRX1 Antibody (A04774) Images



Western blot analysis of PRRX1 in HeLa cell lysate with PRRX1 antibody at 1 ug/ml.

Anti-PRRX1 Antibody

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