

# PROX1 Rabbit mAb

Catalog No.: A9047

Recombinant

2 Publications

## Basic Information

### Observed MW

90kDa

### Calculated MW

83kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC1391

## Background

The protein encoded by this gene is a member of the homeobox transcription factor family. Members of this family contain a homeobox domain that consists of a 60-amino acid helix-turn-helix structure that binds DNA and RNA. The protein encoded by this gene is conserved across vertebrates and may play an essential role during development. Altered levels of this protein have been reported in cancers of different organs, such as colon, brain, blood, breast, pancreas, liver and esophagus. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

## Immunogen Information

### Gene ID

5629

### Swiss Prot

Q92786

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human PROX1 (Q92786).

### Synonyms

PROX1; prospero homeobox 1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data

