

## prox1 Antibody HRP Conjugated

Catalog No: #C04314H

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## Description

Product Name	prox1 Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	B IHC-P
Species Reactivity	HuB MsB RtB B
Immunogen Description	KLH conjugated synthetic peptide aa 180-230 737 derived from human prox-1
Conjugates	HRP
Target Name	prox1
Other Names	Prospero homeobox protein 1; Homeobox prospero-like protein PROX1; PROX-1; PROX1
Accession No.	Swiss-Prot#Q92786NCBI Gene ID5629
Uniprot	Q92786
GeneID	5629;
Excitation Emission	N A
Cell Localization	Cytoplasm, Nucleus
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

B IHC-P=1:50-200B

## Background

Transcription factor involved in developmental processes such as cell fate determination, gene transcriptional regulation and progenitor cell regulation in a number of organs. Plays a critical role in embryonic development and functions as a key regulatory protein in neurogenesis and the development of the heart, eye lens, liver, pancreas and the lymphatic system. Involved in the regulation of the circadian rhythm. Represses: transcription of the retinoid-related orphan receptor RORG, transcriptional activator activity of RORA and RORG and the expression of RORA G-target genes including core clock components: ARNTL BMAL1, NPAS2 and CRY1 and metabolic genes: AVPR1A and ELOVL3.

Note: This product is for in vitro research use only