

PROX1 Rabbit mAb

Catalog # AP75962

Specification

PROX1 Rabbit mAb - Product Information

Application WB
Primary Accession Q92786
Reactivity Rat
Host Rabbit
Clonality Monoclonal Antibody

Calculated MW 83203

PROX1 Rabbit mAb - Additional Information

Gene ID 5629

Other Names PROX1

Dilution

WB~~1/500-1/1000

Format Liquid

PROX1 Rabbit mAb - Protein Information

Name PROX1

Function

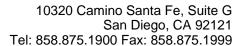
Transcription factor involved in developmental processes such as cell fate determination, gene transcriptional regulation and progenitor cell regulation in a number of organs. Plays a critical role in embryonic development and functions as a key regulatory protein in neurogenesis and the development 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: BMAL1, NPAS2 and CRY1 and metabolic genes: AVPR1A and ELOVL3.

Cellular Location

Nucleus {ECO:0000250|UniProtKB:P48437}. Note=RORG promotes its nuclear localization. {ECO:0000250|UniProtKB:P48437}

Tissue Location

Most actively expressed in the developing lens. Detected also in embryonic brain, lung, liver and kidney. In adult, it is more abundant in heart and liver than in brain, skeletal muscle, kidney and pancreas.





PROX1 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PROX1 Rabbit mAb - Images

