

**PROX1 Rabbit mAb**  
**Catalog # AP75962****Specification**

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**PROX1 Rabbit mAb - Product Information**

Application	WB
Primary Accession	<a href="#">Q92786</a>
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**  
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.**Storage**  
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**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 RORγ, transcriptional activator activity of RORα and RORγ and the expression of RORα/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=RORγ 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](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### PROX1 Rabbit mAb - Images

