

# PROM1 Rabbit Polyclonal Antibody



CAB0510

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

### Calculated MW:

92kDa/93kDa/94kDa/96kDa/  
97kDa

### Applications:

IHC

### Reactivity:

Mouse, Rat

## Antibody Information

### Recommended dilutions:

IHC 1:50 - 1:100

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein Background

This gene encodes a pentaspan transmembrane glycoprotein. The protein localizes to membrane protrusions and is often expressed on adult stem cells, where it is thought to function in maintaining stem cell properties by suppressing differentiation. Mutations in this gene have been shown to result in retinitis pigmentosa and Stargardt disease. Expression of this gene is also associated with several types of cancer. This gene is expressed from at least five alternative promoters that are expressed in a tissue-dependent manner. Multiple transcript variants encoding different isoforms have been found for this gene.

## Immunogen information

### Gene ID:

8842

### Uniprot

O43490

### Synonyms:

PROM1; AC133; CD133; CORD12; MCDR2; MSTP061; PROML1;  
RP41; STGD4

### Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 770 to the C-terminus of human PROM1 (NP\_006008.1).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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