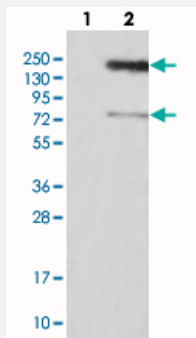


# PRDM10 polyclonal antibody

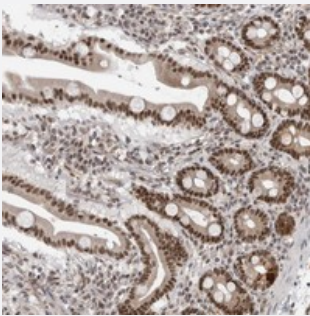
Catalog # PAB21861      Size 100 uL

## Applications



### Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control (vector only transfected HEK293T lysate), Lane 2: Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells) with PRDM10 polyclonal antibody (Cat # PAB21861) at 1:250-1:500 dilution.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human duodenum with PRDM10 polyclonal antibody (Cat # PAB21861) shows strong nuclear positivity in glandular cells while paneth cells displayed additional strong cytoplasmic positivity at 1:50-1:200 dilution.

## Specification

|                     |                                                                                                                                                |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description | Rabbit polyclonal antibody raised against recombinant PRDM10.                                                                                  |
| Immunogen           | Recombinant protein corresponding to amino acids of human PRDM10.                                                                              |
| Sequence            | SPSHIQGSSSTQGQALQQQQQQQNSSVQHTYLPASWNSFRGYSSEIQMMTLPPGQFVITDSGV<br>ATPVTTGQVKAVTSGHYVLSESQSELEEKQTSALSGGVQVEPPAHSDSLDPQTNSQQQTQYIT<br>TTTNGNGS |
| Host                | Rabbit                                                                                                                                         |
| Reactivity          | Human                                                                                                                                          |
| Form                | Liquid                                                                                                                                         |

|                     |                                                                                                                                       |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Purification        | Antigen affinity purification                                                                                                         |
| Isotype             | IgG                                                                                                                                   |
| Recommend Usage     | Immunohistochemistry (1:50-1:200)<br>Western Blot (1:250-1:500)<br>The optimal working dilution should be determined by the end user. |
| Storage Buffer      | In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)                                                                                     |
| Storage Instruction | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                                |
| Note                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                |

## Applications

- Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control (vector only transfected HEK293T lysate), Lane 2: Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells) with PRDM10 polyclonal antibody (Cat # PAB21861) at 1:250-1:500 dilution.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human duodenum with PRDM10 polyclonal antibody (Cat # PAB21861) shows strong nuclear positivity in glandular cells while paneth cells displayed additional strong cytoplasmic positivity at 1:50-1:200 dilution.

## Gene Info — PRDM10

|                    |                           |
|--------------------|---------------------------|
| Entrez GeneID      | <a href="#">56980</a>     |
| Protein Accession# | <a href="#">Q9NQV6</a>    |
| Gene Name          | PRDM10                    |
| Gene Alias         | KIAA1231, MGC131802, PFM7 |
| Gene Description   | PR domain containing 10   |
| Gene Ontology      | <a href="#">Hyperlink</a> |

**Gene Summary**

The protein encoded by this gene is a transcription factor that contains C2H2-type zinc-fingers. It also contains a positive regulatory domain, which has been found in several other zinc-finger transcription factors including those involved in B cell differentiation and tumor suppression. Studies of the mouse counterpart suggest that this protein may be involved in the development of the central nerve system (CNS), as well as in the pathogenesis of neuronal storage disease. Multiple alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq]

**Other Designations**

PR-domain family member 7|PRDM zinc finger transcription factor|tristanin

**Disease**

- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Occupational Diseases](#)