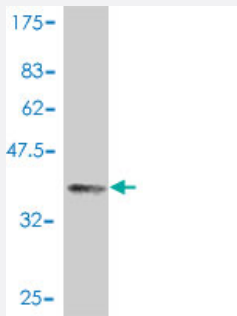


PRDM2 polyclonal antibody (A01)

Catalog # H00007799-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.11 kDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant PRDM2.
Immunogen	PRDM2 (NP_036363, 1606 a.a. ~ 1705 a.a) partial recombinant protein with GST tag.
Sequence	KTSLRSLHVRVQKSKAVLQSKSTLASKKRTDRFNISRRERSGGPVTRSLQLAAAADLSENKREDG SAKQELKDFSYSRLASRCSPPAAPYITRQYRKVKA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (82)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 kDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PRDM2

Entrez GeneID [7799](#)

GeneBank Accession# [NM_012231](#)

Protein Accession# [NP_036363](#)

Gene Name PRDM2

Gene Alias HUMHOXY1, KMT8, MTB-ZF, RIZ, RIZ1, RIZ2

Gene Description PR domain containing 2, with ZNF domain

Omim ID [601196](#)

Gene Ontology [Hyperlink](#)

Gene Summary This tumor suppressor gene is a member of a nuclear histone/protein methyltransferase superfamily. It encodes a zinc finger protein that can bind to retinoblastoma protein, estrogen receptor, and the TPA-responsive element (MTE) of the heme-oxygenase-1 gene. Although the functions of this protein have not been fully characterized, it may (1) play a role in transcriptional regulation during neuronal differentiation and pathogenesis of retinoblastoma, (2) act as a transcriptional activator of the heme-oxygenase-1 gene, and (3) be a specific effector of estrogen action. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations GATA-3 binding protein G3B|MTE-binding protein|OTTHUMP00000009642|OTTHUMP00000009687|retinoblastoma protein-binding zinc finger protein|retinoblastoma protein-interacting zinc finger protein|zinc-finger DNA-binding protein

Disease

- [Alzheimer disease](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)

- [Colorectal Neoplasms](#)
- [Diabetes Complications](#)
- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Metabolic Syndrome X](#)
- [Microsatellite Instability](#)
- [Neoplasm Invasiveness](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Retinoblastoma](#)