

## PRDM7 rabbit pAb

<b>Catalog No :</b>	YT6582
<b>Reactivity :</b>	Human
<b>Applications :</b>	WB;ELISA;IHC
<b>Target :</b>	PRDM7
<b>Fields :</b>	>>Lysine degradation;>>Metabolic pathways
<b>Gene Name :</b>	PRDM7 PFM4
<b>Protein Name :</b>	PRDM7
<b>Human Gene Id :</b>	11105
<b>Human Swiss Prot No :</b>	Q9NQW5
<b>Immunogen :</b>	Synthesized peptide derived from human PRDM7 AA range: 28-78
<b>Specificity :</b>	This antibody detects endogenous levels of PRDM7 at Human
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000;IHC 1:50-300; ELISA 2000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	54kD

**Background :**

This gene encodes a member of a family of proteins that may have roles in transcription and other nuclear processes. The encoded protein contains a KRAB (Kruppel-associated box) domain -A box and a SET (Su(var)3-9, Enhancer-of-zeste, Trithorax) domain and may function as a histone methyltransferase. [provided by RefSeq, Aug 2013],

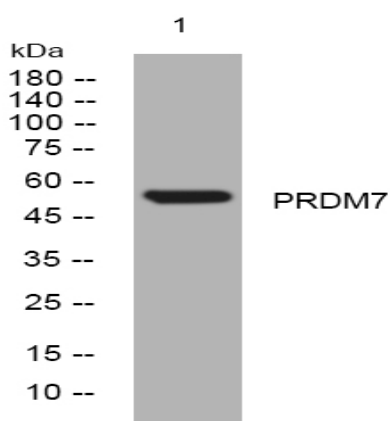
**Function :**

catalytic activity:S-adenosyl-L-methionine + histone L-lysine = S-adenosyl-L-homocysteine + histone N(6)-methyl-L-lysine.,function:Probable histone methyltransferase.,miscellaneous:The mouse orthologous protein seems not to exist. According to PubMed:17916234, human PRDM7 and PRDM9 genes, a pair of close paralogs corresponding to a single mouse gene Prdm9, were generated by a recent gene duplication event after the divergence of the ancestors of human and mouse.,similarity:Contains 1 KRAB-related domain.,similarity:Contains 1 SET domain.,

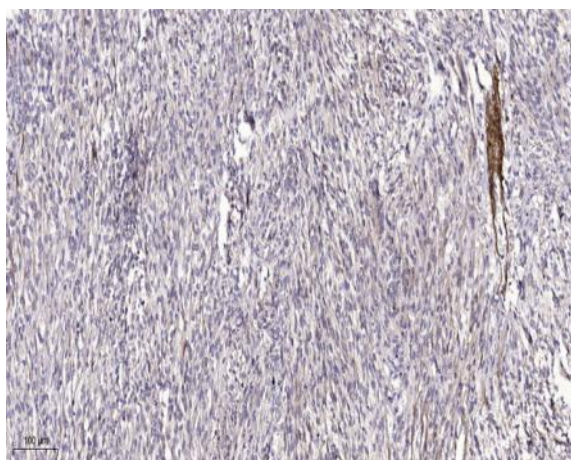
**Subcellular Location :**

Nucleus . Chromosome .

## Products Images



Western blot analysis of lysates from HCT116 cells, primary antibody was diluted at 1:1000, 4° over night



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).