

PRAME Rabbit pAb

CatalogNo: YN7891

Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- WB

MW

- 56kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human PRAME

Specificity This antibody detects endogenous levels of PRAME at Human

Target Information

Gene name PRAME MAPE OIP4

Protein Name	Melanoma antigen preferentially expressed in tumors (Opa-interacting protein 4) (OIP-4) (Preferentially expressed antigen of melanoma)		
	Organism	Gene ID	UniProt ID
	Human	23532 ;	P78395 ;
Cellular Localization	Nucleus . Chromosome . Cytoplasm . Golgi apparatus . Cell membrane . Associates with chromatin; specifically enriched at transcriptionally active promoters that are also bound by nuclear transcription factor Y (composed of NFYA, NFYB and NFYC) and at enhancers (PubMed:21822215). Recruited to the Golgi apparatus in response to interferon gamma (IFNG) treatment (PubMed:23460923). .		
Tissue specificity	Expressed in testis. Detected in samples of kidney, brain and skin.		
Function	Substrate-recognition component of a Cul2-RING (CRL2) E3 ubiquitin-protein ligase complex, which mediates ubiquitination of target proteins, leading to their degradation . The CRL2(PRAME) complex mediates ubiquitination and degradation of truncated MSRB1/SEPX1 selenoproteins produced by failed UGA/Sec decoding . In the nucleus, the CRL2(PRAME) complex is recruited to epigenetically and transcriptionally active promoter regions bound by nuclear transcription factor Y (NFY) and probably plays a role in chromatin regulation . Functions as a transcriptional repressor, inhibiting the signaling of retinoic acid through the retinoic acid receptors RARA, RARB and RARG: prevents retinoic acid-induced cell proliferation arrest, differentiation and apoptosis .		

| Validation Data

| Contact information

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PRAME Rabbit pAb

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