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Anti-PRAME Reference Antibody (Eureka patent anti-PRAME)

Recombinant Antibody
Catalog # APR11017

Specification

Anti-PRAME Reference Antibody (Eureka patent anti-PRAME) - Product Information

Application	**FC, E, FTA**
Primary Accession	P78395
Reactivity	**Human, Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1**
Calculated MW	**150 KDa**

Anti-PRAME Reference Antibody (Eureka patent anti-PRAME) - Additional Information

Target/Specificity
PRAME

Endotoxin
< 0.001EU/ μg,determined by LAL method.

Conjugation
Unconjugated

Expression system
CHO Cell

Format
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Anti-PRAME Reference Antibody (Eureka patent anti-PRAME) - Protein Information

Name PRAME {ECO:0000303|PubMed:9047241, ECO:0000312|HGNC:HGNC:9336}

Function
Substrate-recognition component of a Cul2-RING (CRL2) E3 ubiquitin-protein ligase complex, which mediates ubiquitination of target proteins, leading to their degradation (PubMed:21822215, PubMed:26138980). The CRL2(PRAME) complex mediates ubiquitination and degradation of truncated MSRB1/SEPX1 selenoproteins produced by failed UGA/Sec decoding (PubMed:26138980). 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 chromstin regulation (PubMed:21822215). 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 (PubMed:16179254).

Cellular Location
Nucleus. Chromosome. Cytoplasm Golgi apparatus. Cell membrane. Note=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).

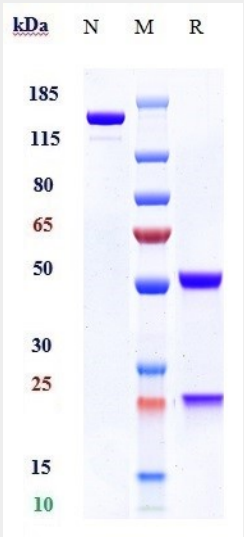
Tissue Location
Expressed in testis. Detected in samples of kidney, brain and skin.

Anti-PRAME Reference Antibody (Eureka patent anti-PRAME) - Protocols

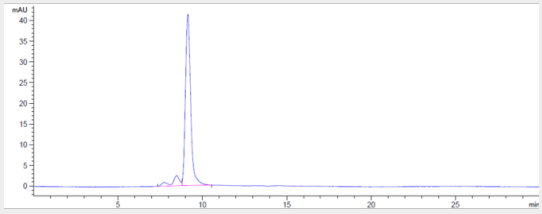
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-PRAME Reference Antibody (Eureka patent anti-PRAME) - Images



Anti-PRAME Reference Antibody (Eureka patent anti-PRAME) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



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The purity of Anti-PRAME Reference Antibody (Eureka patent anti-PRAME)is more than 95% ,determined by SEC-HPLC.