

Anti-PRMT1 antibody [EPR3292] ab92299

リコンビナント RabMAb

4 References [画像数 3](#)

製品の概要

製品名	Anti-PRMT1 antibody [EPR3292]
製品の詳細	Rabbit monoclonal [EPR3292] to PRMT1
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P 適用なし: Flow Cyt, ICC/IF or IP
種交差性	交差種: Mouse, Human
免疫原	Synthetic peptide within Human PRMT1 aa 300-400. The exact sequence is proprietary.
ポジティブ・コントロール	WB: A549 cell lysate, HeLa cell lysate, NIH/3T3 lysate. IHC-P: human breast cancer tissue.
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
精製度	Protein A purified
ポリ/モノ	モノクローナル

クローン名 EPR3292
アイソタイプ IgG

アプリケーション

The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab92299の使用に適用されず**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		
IHC-P		

追加情報

IHC-P: 1/100 - 1/250. Antigen retrieval is recommended. The use of an HRP/AP polymerized secondary antibody is recommended as these have been found to give a stronger signal.

WB: 1/5000 - 1/10000. Predicted molecular weight: 42 kDa.

Is unsuitable for Flow Cyt, ICC or IP.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

ターゲット情報

機能

Arginine methyltransferase that methylates (mono and asymmetric dimethylation) the guanidino nitrogens of arginyl residues present in proteins such as ESR1, histone H2, H3 and H4, PIAS1, HNRNPA1, HNRNPD, NFATC2IP, SUPT5H, TAF15 and EWS. Constitutes the main enzyme that mediates monomethylation and asymmetric dimethylation of histone H4 'Arg-4' (H4R3me1 and H4R3me2a, respectively), a specific tag for epigenetic transcriptional activation. Together with dimethylated PIAS1, represses STAT1 transcriptional activity, in the late phase of interferon gamma (IFN-gamma) signaling. May be involved in the regulation of TAF15 transcriptional activity, act as an activator of estrogen receptor (ER)-mediated transactivation, play a key role in neurite outgrowth and act as a negative regulator of megakaryocytic differentiation, by modulating p38 MAPK pathway.

組織特異性

Widely expressed.

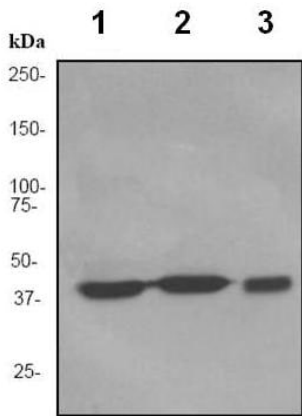
配列類似性

Belongs to the protein arginine N-methyltransferase family.

細胞内局在

Nucleus. Cytoplasm > cytosol.

画像



Western blot - Anti-PRMT1 antibody [EPR3292] (ab92299)

All lanes : Anti-PRMT1 antibody [EPR3292] (ab92299) at 1/5000 dilution

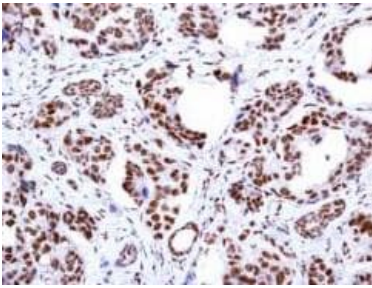
Lane 1 : A549 cell lysate

Lane 2 : HeLa cell lysate

Lane 3 : NIH/3T3 cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 42 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PRMT1 antibody [EPR3292] (ab92299)

Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using ab92299 at 1/100 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-PRMT1 antibody [EPR3292] (ab92299)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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