abcam

Product datasheet

Anti-PRP19 antibody [EPR7446] ab126776

リコンビナント RabMAb

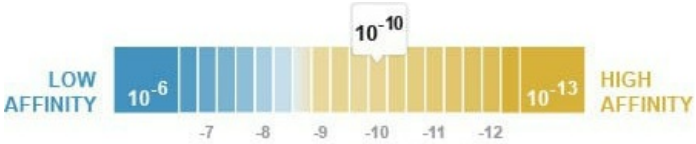
2 References 画像数 5

製品の概要

製品名	Anti-PRP19 antibody [EPR7446]
製品の詳細	Rabbit monoclonal [EPR7446] to PRP19
由来種	Rabbit
アプリケーション	**適用あり:** WB, IHC-P **適用なし:** IP
種交差性	**交差種:** Mouse, Rat, Human
免疫原	Synthetic peptide within Human PRP19 aa 450-550. The exact sequence is proprietary.
ポジティブ・コントロール	Human breast carcinoma and colon carcinoma tissues; HepG2, A431, MCF7, PC12, NIH 3T3, HeLa, K562, and U937 cell lysates.
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
解離定数（K_D 値）	$K_D = 1.06 \times 10^{-10}$ M



Learn more about K_D

バッファー	pH: 7.20

	Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 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	EPR7446
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ab126776の使用に適用されます

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		1/1000 - 1/10000. Detects a band of approximately 55 kDa (predicted molecular weight: 55 kDa).
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

追加情報 Is unsuitable for IP.

ターゲット情報

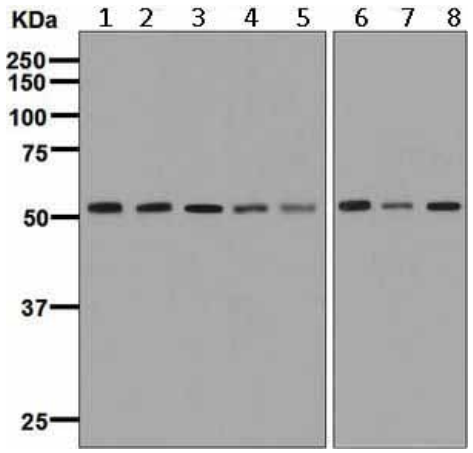
機能 Plays a role in DNA double-strand break (DSB) repair and pre-mRNA splicing reaction. Binds double-stranded DNA in a sequence-nonspecific manner. Acts as a structural component of the nuclear framework. May also serve as a support for spliceosome binding and activity. Essential for spliceosome assembly in a oligomerization-dependent manner and might also be important for spliceosome stability. May have E3 ubiquitin ligase activity. The PSO4 complex is required in the DNA interstrand cross-links (ICLs) repair process. Overexpression of PRPF19 might extend the cellular life span by increasing the resistance to stress or by improving the DNA repair capacity of the cells.

組織特異性 Ubiquitous. Weakly expressed in senescent cells of different tissue origins. Highly expressed in tumor cell lines.

配列類似性 Belongs to the WD repeat PRP19 family.
Contains 1 U-box domain.
Contains 7 WD repeats.

細胞内局在 Nucleus. Nucleus > nucleoplasm. Cytoplasm > cytoskeleton > spindle. Nucleoplasmic in interphase cells. Irregularly distributed in anaphase cells. In prophase cells, uniformly distributed, but not associated with condensing chromosomes. Found in extrachromosomal regions in metaphase cells. Mainly localized to the mitotic spindle apparatus when chromosomes segregate during anaphase. When nuclei reform during late telophase, uniformly distributed in daughter cells and displays no preferred association with decondensing chromatin.

画像



Western blot - Anti-PRP19 antibody [EPR7446] (ab126776)

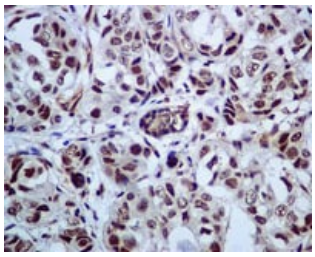
All lanes : Anti-PRP19 antibody [EPR7446] (ab126776) at 1/1000 dilution

Lane 1 : HepG2 cell lysate
Lane 2 : A431 cell lysate
Lane 3 : MCF7 cell lysate
Lane 4 : PC-12 cell lysate
Lane 5 : NIH/3T3 cell lysate
Lane 6 : HeLa cell lysate
Lane 7 : K562 cell lysate
Lane 8 : U937 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary
All lanes : Goat anti-rabbit HRP conjugated at 1/2000 dilution

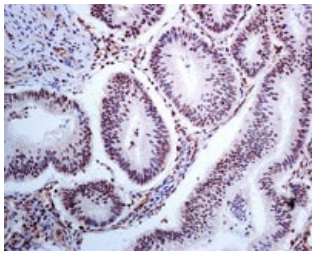
Predicted band size: 55 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PRP19 antibody [EPR7446] (ab126776)

ab126776, at 1/50 dilution, staining PRP19 in Paraffin-embedded Human breast carcinoma tissue by Immunohistochemistry.

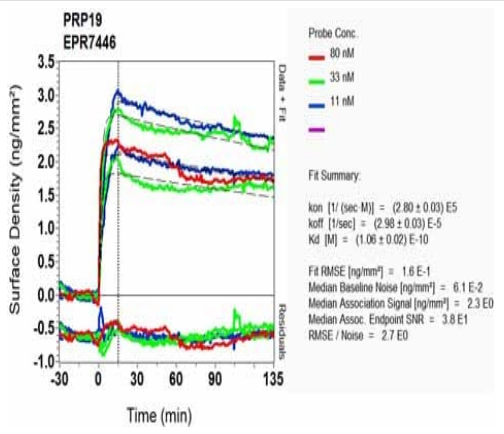
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PRP19 antibody [EPR7446] (ab126776)

ab126776, at 1/50 dilution, staining PRP19 in Paraffin-embedded Human colon carcinoma tissue by Immunohistochemistry.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



OI-RD Scanning - Anti-PRP19 antibody [EPR7446] (ab126776)

Equilibrium disassociation constant (K_D)

Learn more about K_D

Click here to learn more about K_D

Anti-PRP19 antibody [EPR7446] (ab126776)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.co.jp/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors