

Anti-PRPF8/Prp8 antibody [EPR15228] - BSA and Azide free ab251012

重组 RabMAb

6 图像

概述

产品名称	Anti-PRPF8/Prp8抗体[EPR15228] - BSA and Azide free
描述	兔单克隆抗体[EPR15228] to PRPF8/Prp8 - BSA and Azide free
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
常规说明	<p>ab251012 is the carrier-free version of ab190347.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C. Do Not Freeze.
存储溶液	pH: 7.2 Constituent: PBS
无载体	是
克隆	单克隆
克隆编号	EPR15228
同种型	IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab251012 于以下的经测试应用

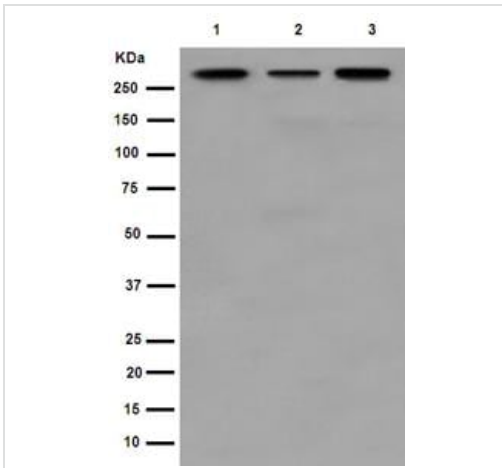
“应用说明”部分 下显示的仅为推荐的起始稀释度; 实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use at an assay dependent concentration. Detects a band of approximately 274 kDa (predicted molecular weight: 274 kDa).
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

靶标

功能	Central component of the spliceosome, which may play a role in aligning the pre-mRNA 5'- and 3'-exons for ligation. Interacts with U5 snRNA, and with pre-mRNA 5'-splice sites in B spliceosomes and 3'-splice sites in C spliceosomes.
组织特异性	Widely expressed.
疾病相关	Defects in PRPF8 are the cause of retinitis pigmentosa type 13 (RP13) [MIM:600059]. RP leads to degeneration of retinal photoreceptor cells. Patients typically have night vision blindness and loss of midperipheral visual field. As their condition progresses, they lose their far peripheral visual field and eventually central vision as well. RP13 inheritance is autosomal dominant.
序列相似性	Contains 1 MPN (JAB/Mov34) domain.
结构域	The MPN domain has structural similarity with viral ribonucleases and RNase H, but unlike RNases, it does not bind any metal ions.
翻译后修饰	Phosphorylated upon DNA damage, probably by ATM or ATR.
细胞定位	Nucleus speckle.

图片



Western blot - Anti-PRPF8/Prp8 antibody [EPR15228] - BSA and Azide free (ab251012)

All lanes : Anti-PRPF8/Prp8 antibody [EPR15228] ([ab190347](#)) at 1/5000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : HepG2 cell lysate

Lane 3 : K562 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

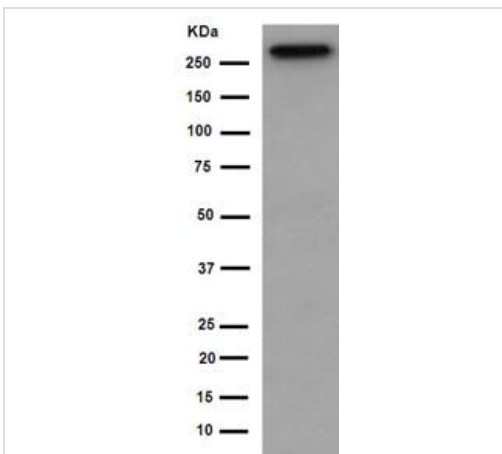
All lanes : goat anti-rabbit IgG, (H+L), peroxidase conjugated at 1/1000 dilution

Developed using the ECL technique.

Predicted band size: 274 kDa

Observed band size: 274 kDa

This data was developed using [ab190347](#), the same antibody clone in a different buffer formulation.



Western blot - Anti-PRPF8/Prp8 antibody [EPR15228] - BSA and Azide free (ab251012)

Anti-PRPF8/Prp8 antibody [EPR15228] ([ab190347](#)) at 1/20000 dilution + 293T cell lysate at 10 µg

Secondary

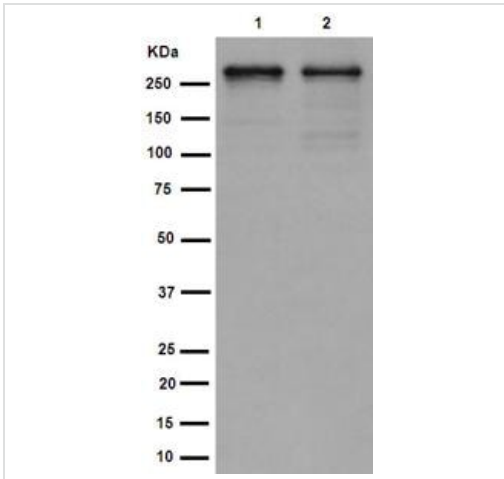
goat anti-rabbit IgG, (H+L), peroxidase conjugated at 1/1000 dilution

Developed using the ECL technique.

Predicted band size: 274 kDa

Observed band size: 274 kDa

This data was developed using [ab190347](#), the same antibody clone in a different buffer formulation.



Western blot - Anti-PRPF8/Prp8 antibody [EPR15228] - BSA and Azide free (ab251012)

All lanes : Anti-PRPF8/Prp8 antibody [EPR15228] ([ab190347](#)) at 1/1000 dilution

Lane 1 : mouse RAW 264.7 cell lysate

Lane 2 : rat PC12 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

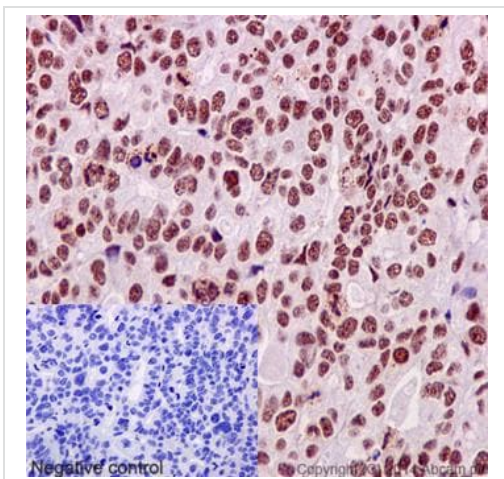
All lanes : goat anti-rabbit IgG, (H+L), peroxidase conjugated at 1/1000 dilution

Developed using the ECL technique.

Predicted band size: 274 kDa

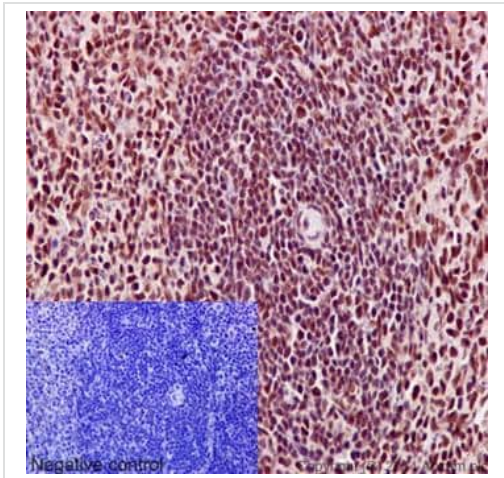
Observed band size: 274 kDa

This data was developed using [ab190347](#), the same antibody clone in a different buffer formulation.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PRPF8/Prp8 antibody [EPR15228] - BSA and Azide free (ab251012)





This data was developed using [ab190347](#), the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin-embedded, Human ovarian carcinoma tissue labeling PRPF8/Prp8 with [ab190347](#) at a 1/100 dilution. Counter stained with hematoxylin. Negative control also shown. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



This data was developed using **ab190347**, the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin-embedded, rat spleen tissue labeling PRPF8/Prp8 with **ab190347** at a 1/100 dilution. Counter stained with hematoxylin. Negative control also shown. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PRPF8/Prp8 antibody [EPR15228] - BSA and Azide free (ab251012)

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

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

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