


Product datasheet

Anti-DAZAP1 antibody [EPR14400-60] α b184183

Recombinant RabMAb

★★★★☆ **3 Abreviews** [5 Images](#)

Overview

Product name	Anti-DAZAP1 antibody [EPR14400-60]
Description	Rabbit monoclonal [EPR14400-60] to DAZAP1
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Human Predicted to work with: Rat 
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: Jurkat, HeLa, HepG2 and 293T cell lysates.
General notes	<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>

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR14400-60
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab184183 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (1)	1/10000 - 1/50000. Detects a band of approximately 43 kDa (predicted molecular weight: 43 kDa).
IP	★★★★★ (1)	1/40 - 1/60.

Target

Function

RNA-binding protein, which may be required during spermatogenesis.

Tissue specificity

Mainly expressed in testis. Expressed to a lower level in thymus. Weakly or not expressed in heart, liver, brain, placenta, lung, skeletal muscle, kidney and pancreas.

Sequence similarities

Contains 2 RRM (RNA recognition motif) domains.

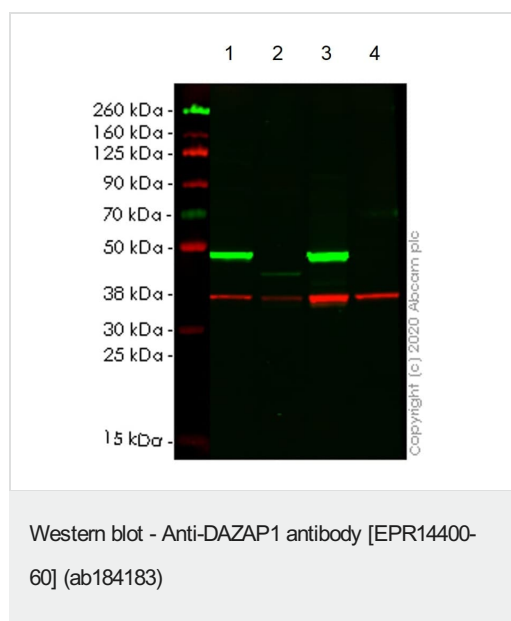
Post-translational modifications

Phosphorylated upon DNA damage, probably by ATM or ATR.

Cellular localization

Cytoplasm. Nucleus. Predominantly cytoplasmic (By similarity). Nuclear at some stages of spermatozooids development. In midpachytene spermatocytes, it is localized in both the cytoplasm and the nuclei and is clearly excluded from the sex vesicles. In round spermatids, it localizes mainly in the nuclei, whereas in elongated spermatids, it localizes to the cytoplasm.

Images



All lanes : Anti-DAZAP1 antibody [EPR14400-60] (ab184183) at 1/1000 dilution

Lane 1 : Wild-type HEK293T cell lysate

Lane 2 : DAZAP1 CRISPR/Cas9 edited HEK293T cell lysate

Lane 3 : Jurkat cell lysate

Lane 4 : HepG2 cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

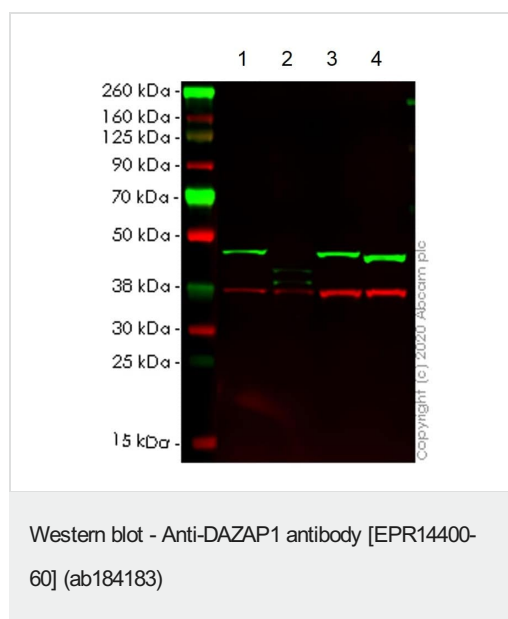
All lanes : Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed (**ab216773**) at 1/10000 dilution

Predicted band size: 43 kDa

Observed band size: 43 kDa

Lanes 1-4: Merged signal (red and green). Green - ab184183 observed at 43 kDa. Red - loading control **ab8245** observed at 36 kDa.

ab184183 Anti-DAZAP1 antibody [EPR14400-60] was shown to specifically react with DAZAP1 in wild-type HEK293T cells. The band observed in CRISPR/Cas9 edited cell line **ab266470** (CRISPR/Cas9 edited cell lysate **ab257912**) lane below 43 kDa may represent truncated forms and cleaved fragments. This has not been investigated further. Wild-type and DAZAP1 CRISPR/Cas9 edited samples were subjected to SDS-PAGE. ab184183 and Anti-GAPDH antibody [6C5] - Loading Control (**ab8245**) were incubated overnight at 4°C at 1 in 1000 dilution and 1 in 20000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed (**ab216773**) and Goat anti-Mouse IgG H&L (IRDye® 680RD) preadsorbed (**ab216776**) secondary antibodies at 1 in 20000 dilution for 1 hour at room temperature before imaging.



All lanes : Anti-DAZAP1 antibody [EPR14400-60] (ab184183) at 1/1000 dilution

Lane 1 : Wild-type HEK293T cell lysate

Lane 2 : DAZAP1 CRISPR/Cas9 edited HEK293T cell lysate

Lane 3 : Jurkat cell lysate

Lane 4 : HeLa cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed (**ab216773**) at 1/10000 dilution

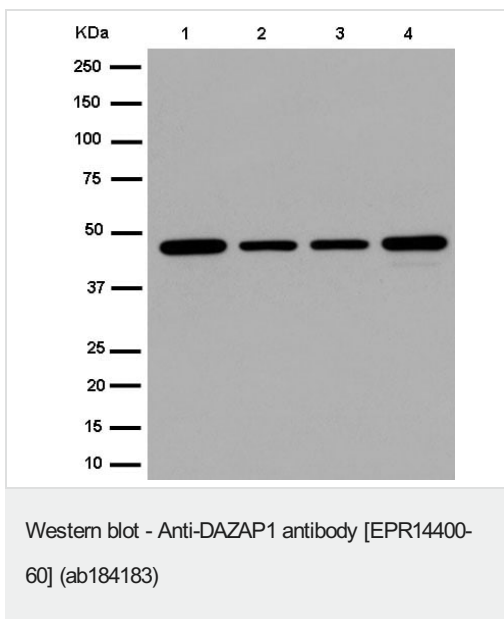
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Observed band size: 43 kDa

Lanes 1-4: Merged signal (red and green). Green - ab184183 observed at 43 kDa. Red - loading control **ab8245** observed at 36 kDa.

ab184183 Anti-DAZAP1 antibody [EPR14400-60] was shown to

specifically react with DAZAP1 in wild-type HEK293T cells. The band observed in CRISPR/Cas9 edited cell line [ab266469](#) (CRISPR/Cas9 edited cell lysate [ab257911](#)) lane below 43 kDa may represent truncated forms and cleaved fragments. This has not been investigated further. Wild-type and DAZAP1 CRISPR/Cas9 edited samples were subjected to SDS-PAGE. ab184183 and Anti-GAPDH antibody [6C5] - Loading Control ([ab8245](#)) were incubated overnight at 4°C at 1 in 1000 dilution and 1 in 20000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed ([ab216773](#)) and Goat anti-Mouse IgG H&L (IRDye® 680RD) preadsorbed ([ab216776](#)) secondary antibodies at 1 in 20000 dilution for 1 hour at room temperature before imaging.



All lanes : Anti-DAZAP1 antibody [EPR14400-60] (ab184183) at 1/10000 dilution

Lane 1 : Jurkat cell lysate

Lane 2 : HeLa cell lysate

Lane 3 : HepG2 cell lysate

Lane 4 : 293T cell lysate

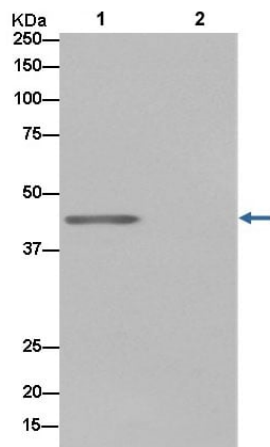
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution

Predicted band size: 43 kDa

Observed band size: 43 kDa



Western blot analysis of DAZAP1 in Jurkat cell lysate immunoprecipitated using ab184183 at 1/50 dilution (Lane 1). Lane 2: PBS instead of Jurkat lysate.

Secondary: Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1500 dilution.

Immunoprecipitation - Anti-DAZAP1 antibody
[EPR14400-60] (ab184183)

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-DAZAP1 antibody [EPR14400-60] (ab184183)

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

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