


Product datasheet

Anti-DAZAP1 antibody [EPR14400-60] - BSA and Azide free ab250737

Recombinant RabMAb

5 Images

Overview

Product name	Anti-DAZAP1 antibody [EPR14400-60] - BSA and Azide free
Description	Rabbit monoclonal [EPR14400-60] to DAZAP1 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: IP, WB
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: HEK293T, Jurkat, HeLa and HepG2 cell lysates. IP: Jurkat cells.
General notes	<p>ab250737 is the carrier-free version of ab184183.</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>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR14400-60
Isotype	IgG

Applications

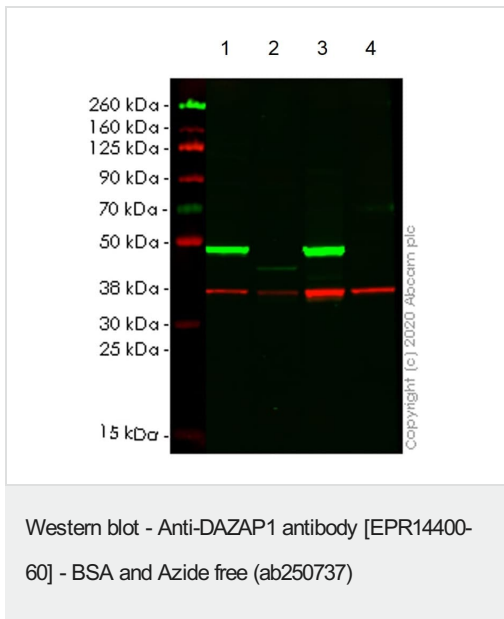
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab250737 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 43 kDa (predicted molecular weight: 43 kDa).

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 spermatozoides 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

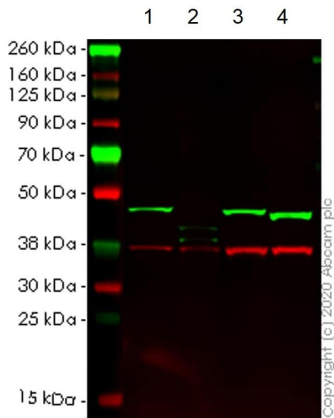
Predicted band size: 43 kDa

Observed band size: 43 kDa

This data was developed using [ab184183](#), the same antibody clone in a different buffer formulation.

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.



Western blot - Anti-DAZAP1 antibody [EPR14400-60] - BSA and Azide free (ab250737)

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

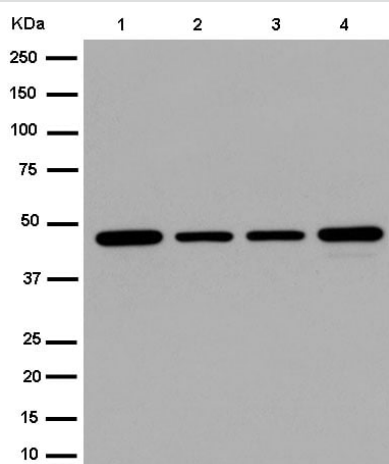
Predicted band size: 43 kDa

Observed band size: 43 kDa

This data was developed using [ab184183](#), the same antibody clone in a different buffer formulation.

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.



Western blot - Anti-DAZAP1 antibody [EPR14400-60] - BSA and Azide free (ab250737)

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

Lane 1 : Jurkat cell lysate

Lane 3 : HepG2 cell lysate

Lane 4 : 293T cell lysate

Lysates/proteins at 20 µg per lane.

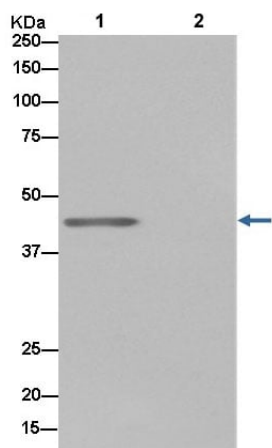
Secondary

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

Predicted band size: 43 kDa

Observed band size: 43 kDa

This data was developed using [ab184183](#), the same antibody clone in a different buffer formulation.



Immunoprecipitation - Anti-DAZAP1 antibody [EPR14400-60] - BSA and Azide free (ab250737)

This data was developed using [ab184183](#), the same antibody clone in a different buffer formulation. 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.

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] - BSA and Azide free (ab250737)

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.com/abpromise> or contact our technical team.

Terms and conditions

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