

Product datasheet

Anti-TRAX antibody [EPR13929(B)] ab181862

Recombinant RabMAb

5 Images

Overview

Product name	Anti-TRAX antibody [EPR13929(B)]
Description	Rabbit monoclonal [EPR13929(B)] to TRAX
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF, IP
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: Human, mouse and rat testis lysates. ICC/IF: HeLa cells.
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	<p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS, 0.05% BSA</p>
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR13929(B)
Isotype	IgG

Applications

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab181862 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		1/1000 - 1/20000. Detects a band of approximately 33 kDa (predicted molecular weight: 33 kDa).
ICC/IF		1/100.
IP		1/60.

Target

Function

Possible role in spermatogenesis.

Sequence similarities

Belongs to the translin family.

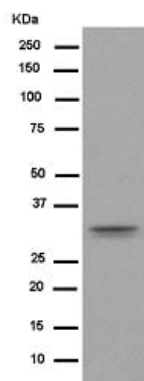
Post-translational modifications

Sumoylated.

Cellular localization

Cytoplasm > perinuclear region. Nucleus. Expressed in the cytoplasm in the presence of TSN.

Images



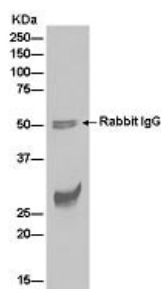
Western blot - Anti-TRAX antibody [EPR13929(B)]
(ab181862)

Anti-TRAX antibody [EPR13929(B)] (ab181862) at 1/5000 dilution
+ Human testis lysate at 10 µg

Secondary

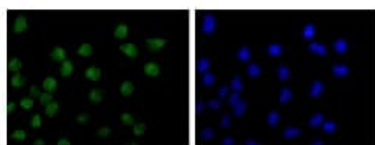
Goat Anti-Rabbit IgG H&L (HRP) (**ab136636**) at 1/500 dilution

Predicted band size: 33 kDa



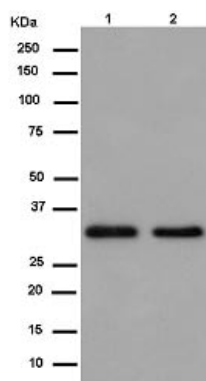
Immunoprecipitation - Anti-TRAX antibody
[EPR13929(B)] (ab181862)

Western blot analysis of immunoprecipitation pellet from Human testis lysate immunoprecipitated using ab181862 at 1/60 dilution. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution.



Immunocytochemistry/ Immunofluorescence - Anti-TRAX antibody [EPR13929(B)] (ab181862)

Immunofluorescent analysis of HeLa cells (-20°C Acetone-fixed) labeling TRAX with ab181862 at 1/100 dilution followed by Goat anti rabbit IgG (Alexa Fluor®488) secondary at 1/200 dilution and counter-stained with DAPI (blue).



Western blot - Anti-TRAX antibody [EPR13929(B)]
(ab181862)

All lanes : Anti-TRAX antibody [EPR13929(B)] (ab181862) at 1/20000 dilution

Lane 1 : Mouse testis lysate

Lane 2 : Rat testis 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: 33 kDa

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-TRAX antibody [EPR13929(B)] (ab181862)

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

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