


Product datasheet

Anti-Bora antibody [EPR11610] ab182149

Recombinant RabMAb

[1 References](#) [5 Images](#)

Overview

Product name	Anti-Bora antibody [EPR11610]
Description	Rabbit monoclonal [EPR11610] to Bora
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF, IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human fetal brain, HeLa and Jurkat whole cell lysate (ab7899); 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	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 0.05% BSA, 59% PBS
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR11610
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab182149 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 - 1/10000. Detects a band of approximately 70 kDa (predicted molecular weight: 61 kDa).
ICC/IF		1/100 - 1/250.
IP		1/40.

Target

Function

Required for the activation of Aurora-A (AURKA/STK6) at the onset of mitosis.

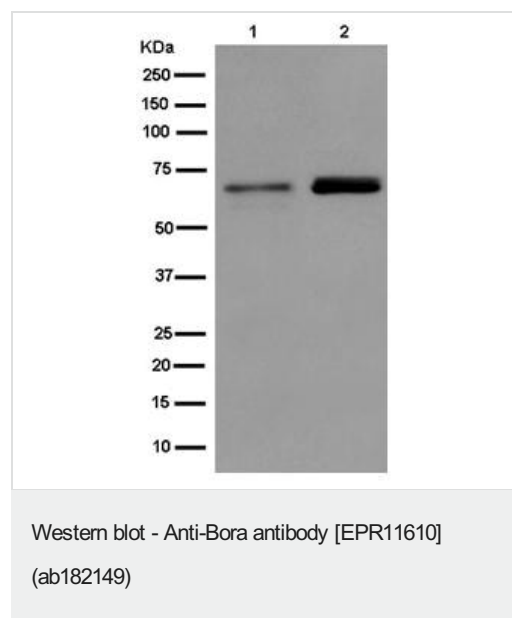
Sequence similarities

Belongs to the BORA family.

Post-translational modifications

Phosphorylated by AURKA/STK6.

Images



All lanes : Anti-Bora antibody [EPR11610] (ab182149) at 1/10000 dilution

Lane 1 : Human fetal brain tissue lysate

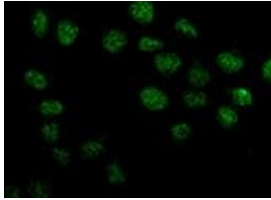
Lane 2 : HeLa cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

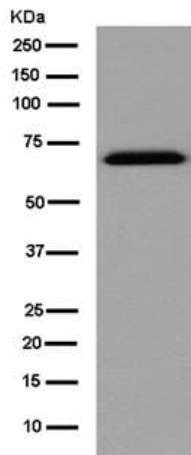
All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 61 kDa



Immunocytochemistry/ Immunofluorescence - Anti-Bora antibody [EPR11610] (ab182149)

Immunofluorescent analysis of HeLa cells (-20°C Acetone-fixed) labeling Bora with ab182149 at 1/250 dilution followed by Goat anti rabbit IgG (Alexa Fluor® 488) secondary at 1/200 dilution.



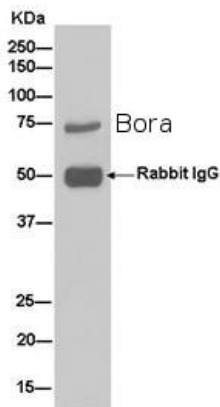
Western blot - Anti-Bora antibody [EPR11610] (ab182149)

Anti-Bora antibody [EPR11610] (ab182149) at 1/10000 dilution + Jurkat cell lysate at 10 µg

Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 61 kDa



Immunoprecipitation - Anti-Bora antibody [EPR11610] (ab182149)

Western blot analysis of immunoprecipitation pellet from HeLa cell lysate immunoprecipitated using ab182149 at 1/40 dilution.

Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 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-Bora antibody [EPR11610] (ab182149)

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