


Product datasheet

Anti-ARIH2/TRIAD1 antibody [EPR7671] ab133653

Recombinant RabMAb

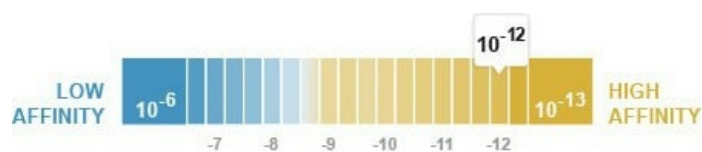
3 Images

Overview

Product name	Anti-ARIH2/TRIAD1 antibody [EPR7671]
Description	Rabbit monoclonal [EPR7671] to ARIH2/TRIAD1
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt or IHC-P
Species reactivity	Reacts with: Rat, Human Predicted to work with: Mouse 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	293T, Jurkat, HeLa and PC12 cell lysates
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Dissociation constant (K_D)	K _D = 9.00 x 10 ⁻¹² M



[Learn more about K_D](#)

Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide
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Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant

Purity Protein A purified
Clonality Monoclonal
Clone number EPR7671
Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab133653 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. Predicted molecular weight: 57 kDa.

Application notes Is unsuitable for Flow Cyt or IHC-P.

Target

Function E3 ubiquitin-protein ligase mediating 'Lys-48'-and 'Lys-63'-linked polyubiquitination and subsequent proteasomal degradation of modified proteins. May play a role in myelopoiesis.

Tissue specificity Widely expressed with higher expression in granulocytes.

Pathway Protein modification; protein ubiquitination.

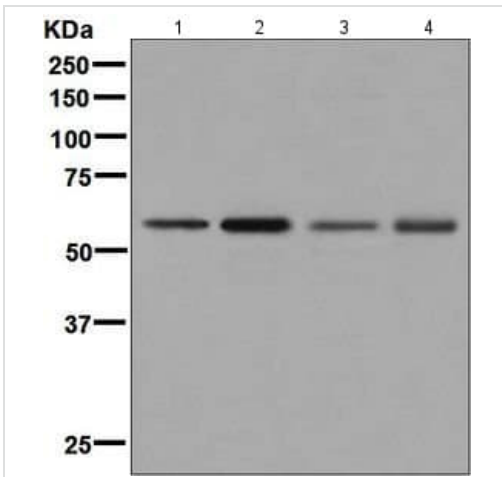
Sequence similarities Belongs to the RBR family. Ariadne subfamily.
Contains 1 IBR-type zinc finger.
Contains 2 RING-type zinc fingers.

Domain RING-type 1 and RING-type 2 are required for the inhibitory function in myelopoiesis.

Post-translational modifications Ubiquitinated. Ubiquitination promotes proteasomal degradation.
Phosphorylated upon DNA damage, probably by ATM or ATR.

Cellular localization Nucleus. Cytoplasm.

Images



Western blot - Anti-ARIH2/TRIAD1 antibody [EPR7671] (ab133653)

All lanes : Anti-ARIH2/TRIAD1 antibody [EPR7671] (ab133653) at 1/1000 dilution

Lane 1 : 293T cell lysate

Lane 2 : Jurkat cell lysate

Lane 3 : HeLa cell lysate

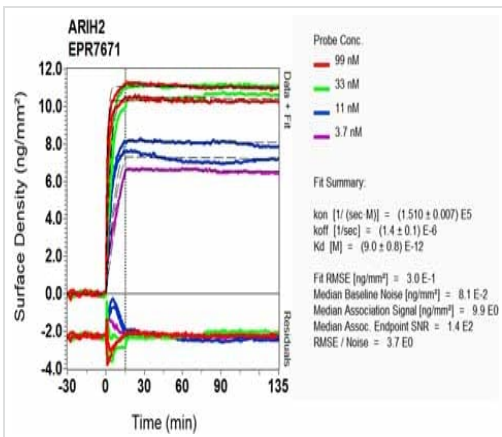
Lane 4 : PC12 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-Rabbit HRP at 1/2000 dilution

Predicted band size: 57 kDa



O1-RD Scanning - Anti-ARIH2/TRIAD1 antibody [EPR7671] (ab133653)

Equilibrium dissociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

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-ARIH2/TRIAD1 antibody [EPR7671] (ab133653)

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

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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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