abcam

Product datasheet

Anti-TRNP1 antibody [EPR11958] ab174303

Recombinant RabMAb

1 References 3 Images

Overview

Product name	Anti-TRNP1 antibody [EPR11958]
Description	Rabbit monoclonal [EPR11958] to TRNP1
Host species	Rabbit
Tested applications	**Suitable for:** WB, IP **Unsuitable for:** Flow Cyt,ICC/IF or IHC-P
Species reactivity	**Reacts with:** Human **Predicted to work with:** Mouse, Rat
Immunogen	Synthetic peptide within Human TRNP1 aa 1-100 (Cysteine residue). The exact sequence is proprietary. Database link: **Q6NT89**
Positive control	MCF7, Jurkat and HeLa cell lysates.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: - 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 +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Tissue culture supernatant

Clonality	Monoclonal
Clone number	EPR11958
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab174303 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 - 1/5000. Detects a band of approximately 36 kDa (predicted molecular weight: 23 kDa).
IP		1/10 - 1/100.

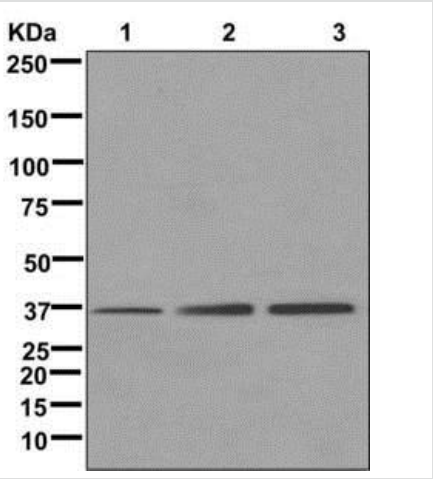
Application notes Is unsuitable for Flow Cyt,ICC/IF or IHC-P.

Target

Relevance DNA-binding factor that regulates the expression of a subset of genes and plays a key role in tangential, radial, and lateral expansion of the brain neocortex. Regulates neural stem cells proliferation and the production of intermediate neural progenitors and basal radial glial cells affecting the process of cerebral cortex gyrification. May control the proliferation rate of cells by regulating their progression through key cell-cycle transition points. Interacts with TMF1; may regulate TRNP1 proteasomal degradation.

Cellular localization Nucleus

Images



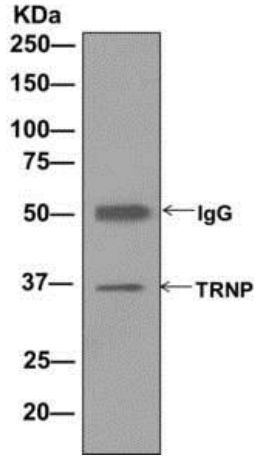
Western blot - Anti-TRNP1 antibody [EPR11958] (ab174303)

All lanes : Anti-TRNP1 antibody [EPR11958] (ab174303) at 1/1000 dilution

Lane 1 : MCF7 cell lysate
Lane 2 : Jurkat cell lysate
Lane 3 : HeLa cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 23 kDa
Additional bands at: 36 kDa. We are unsure as to the identity of these extra bands.



Immunoprecipitation - Anti-TRNP1 antibody [EPR11958] (ab174303)

Immunoprecipitation. ab174303 at 1/1000 labeling TRNP1 immunoprecipitated from HeLa cell lysate using ab174303 at 1/10.

Anti-TRNP1 antibody [EPR11958] (ab174303)

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