


Product datasheet

Anti-BRN3B / POU4F2 antibody ab166945

1 Image

Overview

Product name	Anti-BRN3B / POU4F2 antibody
Description	Goat polyclonal to BRN3B / POU4F2
Host species	Goat
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Rat, Human Predicted to work with: Rabbit, Horse, Chicken, Cow, Dog, Pig, Chimpanzee, Zebrafish, Cynomolgus monkey, Rhesus monkey, Gorilla, Orangutan 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: Human cerebellum, mouse and rat brain tissue lysate.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA
Purity	Immunogen affinity purified
Purification notes	ab166945 was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab166945 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		Use a concentration of 1 - 3 µg/ml. Primary incubation 1 hour at room temperature is recommended for this product.

Target

Function

Transcription factor. May play a role in determining or maintaining the identities of a small subset of visual system neurons.

Tissue specificity

Brain. Seems to be specific to the retina.

Sequence similarities

Belongs to the POU transcription factor family. Class-4 subfamily.

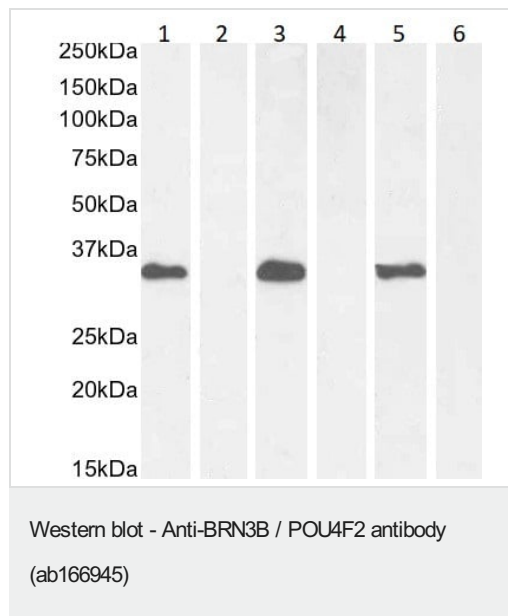
Contains 1 homeobox DNA-binding domain.

Contains 1 POU-specific domain.

Cellular localization

Nucleus speckle.

Images



All lanes : Anti-BRN3B / POU4F2 antibody (ab166945) at 1 µg/ml

Lane 1 : Human Cerebellum tissue lysate

Lane 2 : Human Cerebellum tissue lysate with Immunizing peptide

Lane 3 : Mouse Brain tissue lysate

Lane 4 : Mouse Brain tissue lysate with Immunizing peptide

Lane 5 : Rat Brain tissue lysate

Lane 6 : Rat Brain tissue lysate with Immunizing peptide

Lysates/proteins at 35 µg per lane.

Observed band size: 35 kDa

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
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- We investigate all quality concerns to ensure our products perform to the highest standards

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