abcam

Product datasheet

Anti-Brn-2 antibody ab101726

3 References   **1 Image**

Overview

Product name	Anti-Brn-2 antibody
Description	Goat polyclonal to Brn-2
Host species	Goat
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Mouse
	Predicted to work with: Cow, Pig ⚠
Immunogen	Synthetic peptide corresponding to Human Brn-2 aa 37-52 (internal sequence). Sequence:
	C-AQSLVQGDYGALQSN
	Run BLAST with **Run BLAST with**
Positive control	WB: Human brain (cerebellum), mouse and rat brain tissue lysates.
General notes	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.
	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

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: 0.5% BSA, Tris buffered saline
Purity	Immunogen affinity purified
Purification notes	ab101726 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 ab101726 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 0.1 - 0.3 µg/ml. Detects a band of approximately 45 kDa (predicted molecular weight: 47 kDa). 1 hour primary incubation is recommended for this product.

Target

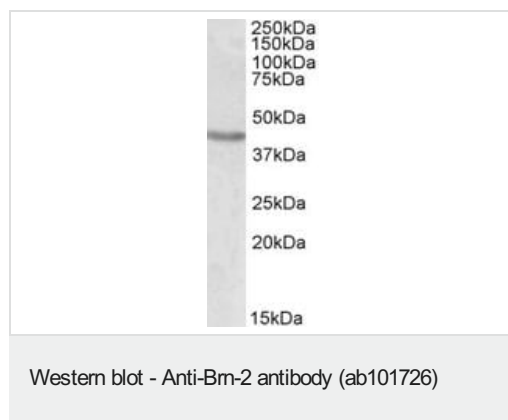|	
Function	Transcription factor that binds preferentially to the recognition sequence which consists of two distinct half-sites, ('GCAT') and ('TAAT'), separated by a nonconserved spacer region of 0, 2, or 3 nucleotides. Positively regulates the genes under the control of corticotropin-releasing hormone (CRH) and CRH ll promoters.
Tissue specificity	Expressed specifically in the neuroectodermal cell lineage.
Sequence similarities	Belongs to the POU transcription factor family. Class-3 subfamily. Contains 1 homeobox DNA-binding domain. Contains 1 POU-specific domain.
Cellular localization	Nucleus.

Images

Western blot - Anti-Brn-2 antibody (ab101726)

Anti-Brn-2 antibody (ab101726) at 0.1 µg/ml + Mouse brain lysate in RIPA buffer at 35 µg

Developed using the ECL technique.

Predicted band size: 47 kDa

Primary incubation was 1 hour.

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

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