


Product datasheet

Anti-ATF-4 antibody ab85049

★★★★☆ [4 Abreviews](#) [11 References](#) [1 Image](#)

Overview

Product name	Anti-ATF-4 antibody
Description	Rabbit polyclonal to ATF-4
Host species	Rabbit
Tested applications	Suitable for: WB, ChIP
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide corresponding to Human ATF-4 (C terminal). Database link: P18848
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	Lyophilized: Reconstitute with 200ul distilled sterile water. Please note that if you receive this product in liquid form it has already been reconstituted as described and no further reconstitution is necessary.
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.02% Sodium azide
Purity	Protein A/G purified
Clonality	Polyclonal
Isotype	IgG

Applications

The **Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab85049 in the following tested applications.

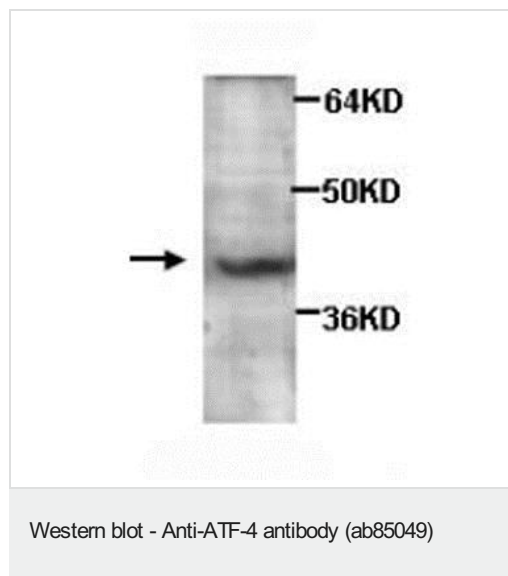
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (3)	1/200 - 1/1000. Detects a band of approximately 39 kDa (predicted molecular weight: 39 kDa).
ChIP	★★★★★ (1)	Use at an assay dependent concentration.

Target

Function	Transcriptional activator. Binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters. It binds to a Tax-responsive enhancer element in the long terminal repeat of HTLV-I.
Sequence similarities	Belongs to the bZIP family. Contains 1 bZIP domain.
Cellular localization	Cytoplasm. Cell membrane. Nucleus. Colocalizes with GABBR1 in hippocampal neuron dendritic membranes.

Images



Anti-ATF-4 antibody (ab85049) at 1/500 dilution + HeLa cell lysates

Predicted band size: 39 kDa

Observed band size: 39 kDa

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

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