




Product datasheet

Anti-MAX antibody ab9700

1 Image

Overview

Product name	Anti-MAX antibody
Description	Goat polyclonal to MAX
Host species	Goat
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Cow, Dog 
Immunogen	Synthetic peptide corresponding to Human MAX aa 100-200 (C terminal). (NP_660087.1) Database link: NP_002373.3  Run BLAST with  Run BLAST with
Positive control	WB: Jurkat cell 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 or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% Tris, 0.5% BSA
Purity	Immunogen affinity purified
Purification notes	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 ab9700 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 0.01 - 0.03 µg/ml. Detects a band of approximately 23 kDa (predicted molecular weight: 18 kDa). 1 hour primary incubation is recommended for this product.
IHC-P		Use a concentration of 10 µg/ml.

Target

Function

Transcription regulator. Forms a sequence-specific DNA-binding protein complex with MYC or MAD which recognizes the core sequence 5'-CAC[GA]TG-3'. The MYC:MAX complex is a transcriptional activator, whereas the MAD:MAX complex is a repressor. May repress transcription via the recruitment of a chromatin remodeling complex containing H3 'Lys-9' histone methyltransferase activity.

Tissue specificity

High levels found in the brain, heart and lung while lower levels are seen in the liver, kidney and skeletal muscle.

Involvement in disease

Pheochromocytoma

Sequence similarities

Belongs to the MAX family.
Contains 1 bHLH (basic helix-loop-helix) domain.

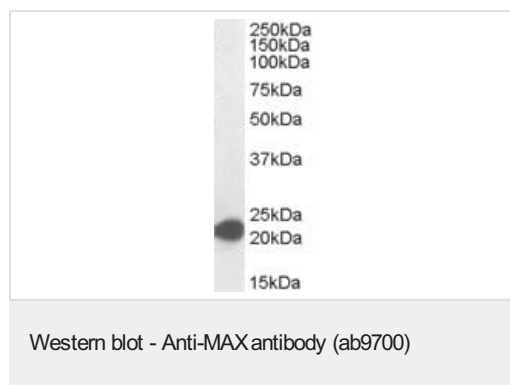
Post-translational modifications

Reversible lysine acetylation might regulate the nuclear-cytoplasmic shuttling of specific Max complexes.

Cellular localization

Nucleus. Cell projection, dendrite.

Images



Anti-MAX antibody (ab9700) at 0.01 µg/ml + Jurkat cell lysate in RIPA buffer at 35 µg

Predicted band size: 18 kDa

Observed band size: 22 kDa

Primary incubation for 1 hour. Detected using chemiluminescence.

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

- 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