

## Product datasheet

# Anti-MEIS2 antibody ab73164

★★★★★ 2 Abreviews 1 References 2 Images

### Overview

<b>Product name</b>	Anti-MEIS2 antibody
<b>Description</b>	Rabbit polyclonal to MEIS2
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human <b>Predicted to work with:</b> Horse, Cow, Dog
<b>Immunogen</b>	Synthetic peptide conjugated to KLH derived from within residues 450 to the C-terminus of Human MEIS2. Read Abcam's proprietary immunogen policy (Peptide available as <a href="#">ab73163</a> .)
<b>Positive control</b>	This antibody gave a positive signal in human, mouse and rat brain tissue lysates.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab73164** 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
IHC-P	★★★★☆	1/200. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
WB	★★★★★	Use a concentration of 1 µg/ml. Detects a band of approximately 52 kDa (predicted molecular weight: 52 kDa). Can be blocked with <a href="#">Human MEIS2 peptide (ab73163)</a> .

## Target

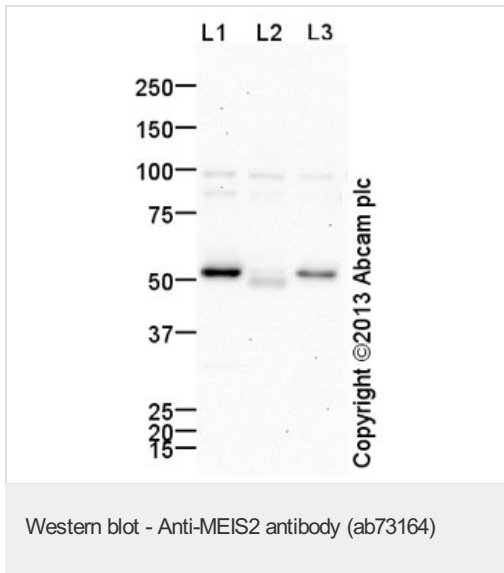
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<b>Tissue specificity</b>	Expressed in various tissues. In hematopoietic tissues, the lymphoid organs express high levels of MEIS2. Also expressed in some regions of the brain, such as the putamen.
<b>Sequence similarities</b>	Belongs to the TALE/MEIS homeobox family. Contains 1 homeobox DNA-binding domain.
<b>Cellular localization</b>	Nucleus.

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## Images

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**All lanes** : Anti-MEIS2 antibody (ab73164) at 1 µg/ml

**Lane 1** : Brain (Human) Tissue Lysate - adult normal tissue

**Lane 2** : Brain (Mouse) Tissue Lysate - adult normal tissue

**Lane 3** : Brain (Rat) Tissue Lysate - adult normal tissue

Lysates/proteins at 15 µg per lane.

### Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/10000 dilution

Developed using the ECL technique

Performed under reducing conditions.

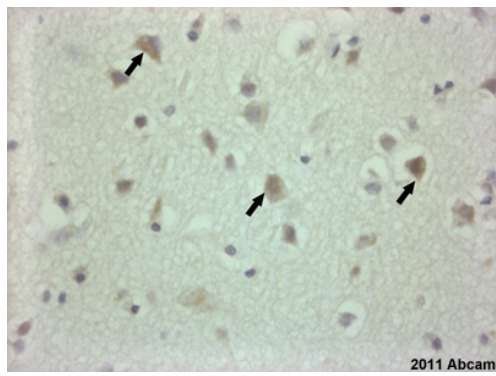
**Predicted band size** : 52 kDa

**Observed band size** : 52 kDa

**Additional bands at** : 100 kDa. We are unsure as to the identity of these extra bands.

**Exposure time** : 8 minutes

This blot was produced using a 4-12% Bis-tris gel under the MOPS buffer system. The gel was run at 200V for 50 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 5% Milk before being incubated with ab73164 in 2% Milk, overnight at 4°C. Antibody binding was detected using an anti-rabbit antibody conjugated to HRP, and visualised using ECL development solution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - MEIS2 antibody (ab73164)

This image is courtesy of an Abreview submitted by Antibody Solutions

ab73164 staining human brain sections in IHC-P. The tissue was fixed with formaldehyde and a heat mediated antigen retrieval step was performed. Blocking of the sample was done with 5 minutes of peroxidase block and 10 minutes of protein block, followed by staining with ab73164 at 1/200 for 45 minutes at 20°C. A HRP conjugated goat anti-rabbit polyclonal antibody was used as the secondary antibody.

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