

Product datasheet

Anti-HOXA1 antibody ab168179

[2 References](#) [2 Images](#)

Overview

Product name	Anti-HOXA1 antibody
Description	Mouse polyclonal to HOXA1
Host species	Mouse
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Full length protein, corresponding to amino acids 1-335 of Human HOXA1 (NP_005513.1). Run BLAST with ExPASy Run BLAST with NCBI
Positive control	HOXA1 transfected 293T cell lysate; HeLa cells
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	pH: 7.4 Constituent: 100% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab168179 in the following tested applications.

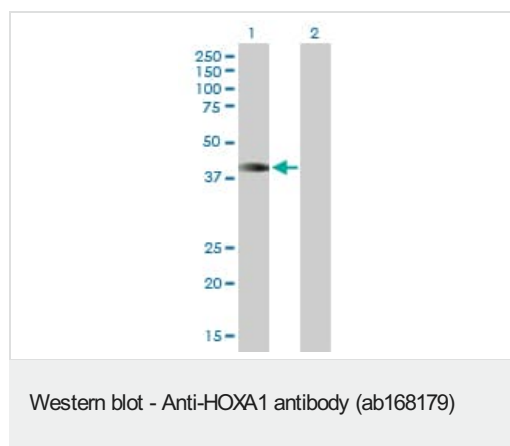
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 37 kDa.
ICC/IF		Use a concentration of 10 µg/ml.

Target

Function	Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis. Acts on the anterior body structures. Seems to act in the maintenance and/or generation of hindbrain segments.
Involvement in disease	Athabaskan brainstem dysgenesis syndrome Bosley-Salih-Alorainy syndrome
Sequence similarities	Belongs to the Antp homeobox family. Labial subfamily. Contains 1 homeobox DNA-binding domain.
Cellular localization	Nucleus.

Images



All lanes : Anti-HOXA1 antibody (ab168179) at 1 µg/ml

Lane 1 : HOXA1 transfected 293T cell lysate

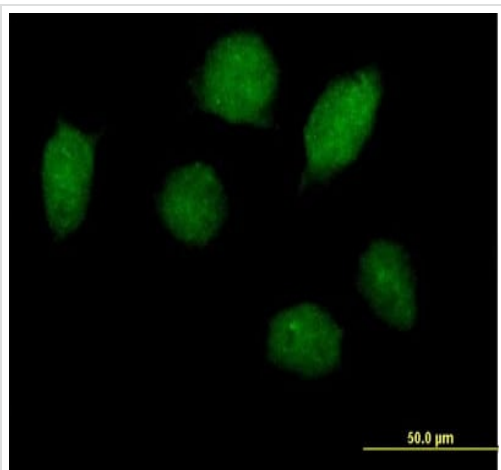
Lane 2 : Non-transfected 293T cell lysate

Lysates/proteins at 15 µl per lane.

Secondary

All lanes : Goat anti-Mouse IgG HRP at 1/2500 dilution

Predicted band size: 37 kDa



Immunofluorescent analysis of HeLa cells labeling HOXA1 with ab168179 at 10 µg/ml.

Immunocytochemistry/ Immunofluorescence - Anti-HOXA1 antibody (ab168179)

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