


Product datasheet

# Anti-MASH1/Achaete-scute homolog 1 antibody ab76987

[2 Images](#)

Overview

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<b>Product name</b>	Anti-MASH1/Achaete-scute homolog 1 antibody
<b>Description</b>	Mouse monoclonal to MASH1/Achaete-scute homolog 1
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Chicken, Xenopus laevis, Zebrafish 
<b>Immunogen</b>	Recombinant fragment: GFATLREHVP NGAANKKMSK VETLRSVEY IRALQQLLDE HDAVSAAFQA GVLSP TISPN YSNDLNSMAG SPVSSYSSDE GSYDPLSPEE QELLDFTNWF, corresponding to amino acids 137-237 of Human Achaete-scute homolog 1 (NP_004307) with tag. <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	Achaete-scute homolog 1 transfected 293T cell lysate. Recombinant tagged human Achaete-scute homolog 1 fragment.

Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: None Constituents: 1X PBS, pH 7.2
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2a
<b>Light chain type</b>	kappa

Applications

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Our [Abpromise guarantee](#) covers the use of **ab76987** in the following tested applications.

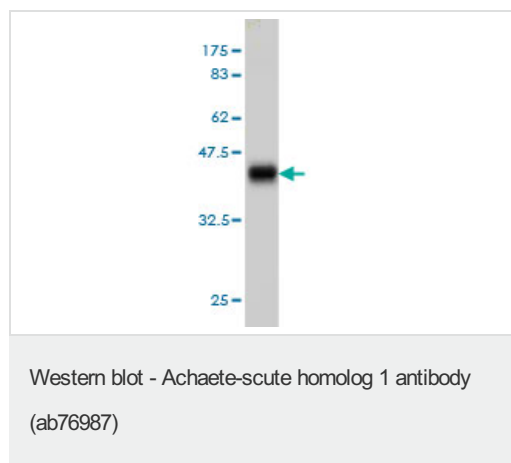
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 25 kDa.
ELISA		Use at an assay dependent dilution. Detection limit for recombinant tagged Achaete-scute homolog 1 is approximately 1ng/ml if used as a capture antibody.

## Target

<b>Function</b>	May play a role at early stages of development of specific neural lineages in most regions of the CNS, and of several lineages in the PNS. Essential for the generation of olfactory and autonomic neurons. Activates transcription by binding to the E box (5'-CANNTG-3').
<b>Sequence similarities</b>	Contains 1 basic helix-loop-helix (bHLH) domain.
<b>Cellular localization</b>	Nucleus.

## Images



Anti-MASH1/Achaete-scute homolog 1 antibody (ab76987) at 5 µg/ml + Recombinant tagged human Achaete-scute homolog 1 fragment at 0.2 µg

### Secondary

Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/5000 dilution

**Predicted band size:** 25 kDa

**Observed band size:** 42 kDa

Western blot against tagged recombinant protein immunogen. Predicted band size of immunogen is 37 kDa.



**All lanes :** Anti-MASH1/Achaete-scute homolog 1 antibody (ab76987) at 5 µg/ml

**Lane 1 :** Achaete-scute homolog 1 transfected 293T cell lysate

**Lane 2 :** Non-transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

#### Secondary

**All lanes :** Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/2500 dilution

**Predicted band size:** 25 kDa

**Observed band size:** 27 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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