

Anti-VAX2 antibody [VAX2A8F12] ab50899

[3 Images](#)

Overview

Product name	Anti-VAX2 antibody [VAX2A8F12]
Description	Mouse monoclonal [VAX2A8F12] to VAX2
Host species	Mouse
Tested applications	Suitable for: ICC/IF, WB
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant fragment (Human)
Positive control	NIH3T3 whole cell lysate, HeLa whole 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	<p>pH: 7.40</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 1% BSA, PBS</p>
Purity	Protein G purified
Purification notes	Filtered through a 0.22 µm membrane
Clonality	Monoclonal
Clone number	VAX2A8F12
Isotype	IgG1

Applications

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab50899 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
ICC/IF		1/10.
WB		1/50. Predicted molecular weight: 31 kDa.

Target

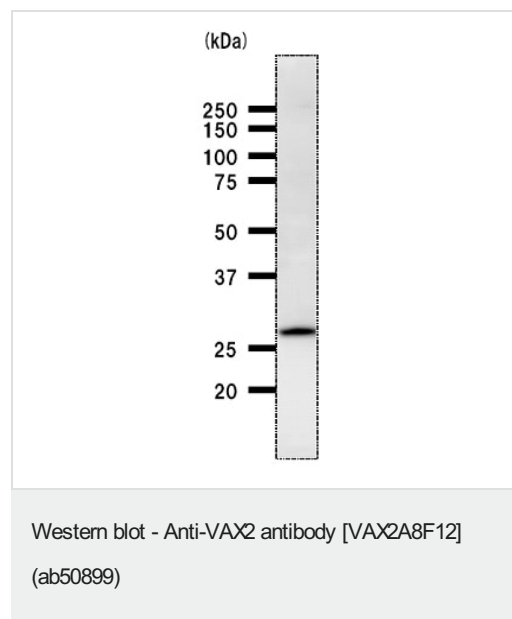
Relevance

VAX2 belongs to the EMX homeobox family and contains 1 homeobox DNA-binding domain. VAX2 gene has high sequence similarity to VAX1 gene and is almost exclusively expressed in the ventral portion of the retina during development. It may play an important role in morphogenetic processes underlying the correct development of the eye, particularly in the establishment of a correct dorsoventral pattern and may be a regulator of axial polarization in the retina.

Cellular localization

Nuclear

Images



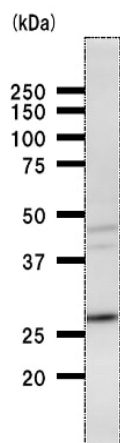
Anti-VAX2 antibody [VAX2A8F12] (ab50899) at 1/50 dilution + HeLa whole cell lysate at 50 µg

Secondary

Anti mouse IgG antibody at 1/2500 dilution

Predicted band size: 31 kDa

Observed band size: 31 kDa



Western blot - Anti-VAX2 antibody [VAX2A8F12] (ab50899)

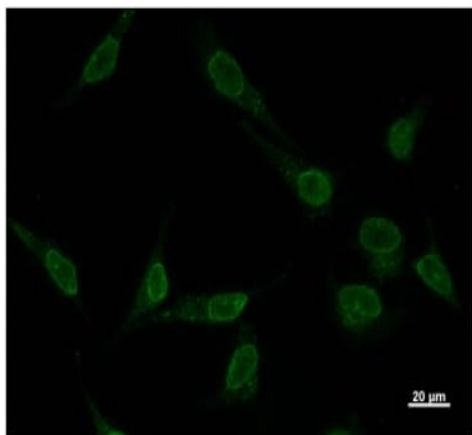
Anti-VAX2 antibody [VAX2A8F12] (ab50899) at 1/50 dilution + NIH3T3 whole cell lysate at 50 µg/ml

Secondary

Anti mouse IgG antibody at 1/2500 dilution

Predicted band size: 31 kDa

Observed band size: 31 kDa



Immunocytochemistry/ Immunofluorescence - Anti-VAX2 antibody [VAX2A8F12] (ab50899)

Ab50899 at 1/10 dilution staining HeLa cells; visualised with AlexaFluor®488 Goat Anti-mouse IgG at 1/200 dilution.

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

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