

Anti-CXXC5 antibody ab106533

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Overview

Product name	Anti-CXXC5 antibody
Description	Rabbit polyclonal to CXXC5
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, IHC-P, WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide, 15 aa from near the amino terminus of human CXXC5 (NP_057547).
Positive control	Human brain tissue lysate.
General notes	<p>Predicted to not cross-react with other CXXC protein family members.</p> <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 (stable for up to 12 months).
Storage buffer	<p>pH: 7.2</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: PBS</p>
Purity	Immunogen affinity purified
Primary antibody notes	Predicted to not cross-react with other CXXC protein family members.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab106533 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		Use a concentration of 20 µg/ml.
IHC-P		Use a concentration of 2.5 µg/ml.
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 33 kDa. Isoform 2 predicted molecular weight 24 kDa

Target

Function

May indirectly participate in activation of the NF-kappa-B and MAPK pathways. Acts as a mediator of BMP4-mediated modulation of canonical Wnt signaling activity in neural stem cells.

Sequence similarities

Contains 1 CXXC-type zinc finger.

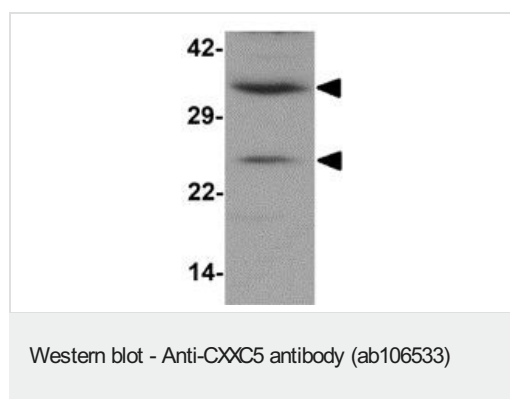
Cellular localization

Nucleus. Cytoplasm. Colocalizes with DVL1 in large bodies localized just outside the nuclear membrane.

Form

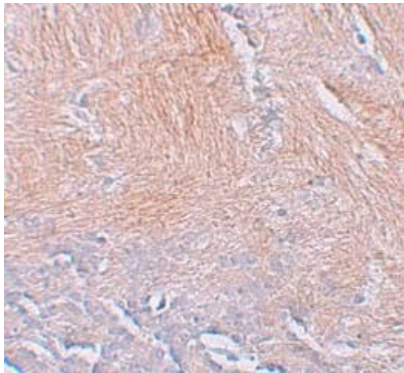
There are 2 isoforms produced by alternative splicing.

Images



Anti-CXXC5 antibody (ab106533) at 1 µg/ml + human brain tissue lysate at 15 µg/ml

Predicted band size: 33 kDa



Immunohistochemistry of CXXC5 in human brain tissue with ab106533 at 2.5 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CXXC5 antibody (ab106533)

Immunocytochemistry/ Immunofluorescence - Anti-CXXC5 antibody (ab106533)

Immunofluorescence of CXXC5 in Human Brain cells using ab106533 at 20 µg/ml.

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

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