



Product datasheet

Anti-DHHC-15 antibody ab121203

★★★★★ [1 Abreviews](#) [1 References](#) [3 Images](#)

Overview

Product name	Anti-DHHC-15 antibody
Description	Rabbit polyclonal to DHHC-15
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	<p>Recombinant fragment corresponding to Human DHHC-15 aa 238-322 (internal sequence). Sequence:</p> <p>VSRNKTTLEAFCTPVFTSGPEKNGFNLGFIKNIQQVFGDK KKFWLIPIGS SPGDGHSFPMRSMNESQNPLLANEETWEDNEDDNQ</p> <p> Run BLAST with  Run BLAST with</p>
Positive control	Human pancreas tissue; Human liver lysate.
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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	<p>pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)</p>
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab121203 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		1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		1/100 - 1/250.
ICC/IF	★★★★★ (1)	Use a concentration of 0.25 - 2 µg/ml.

Target

Function

Palmitoyltransferase specific for GAP43 and DLG4/PSD95.

Tissue specificity

Expressed in placenta, liver, lung, kidney, heart and brain.

Involvement in disease

Defects in ZDHHC15 are the cause of mental retardation X-linked type 91 (MRX91) [MIM:300577]. Mental retardation is characterized by significantly sub-average general intellectual functioning associated with impairments in adaptative behavior and manifested during the developmental period. Non-syndromic mental retardation patients do not manifest other clinical signs.

Sequence similarities

Belongs to the DHHC palmitoyltransferase family.
Contains 1 DHHC-type zinc finger.

Domain

The DHHC domain is required for palmitoyltransferase activity.

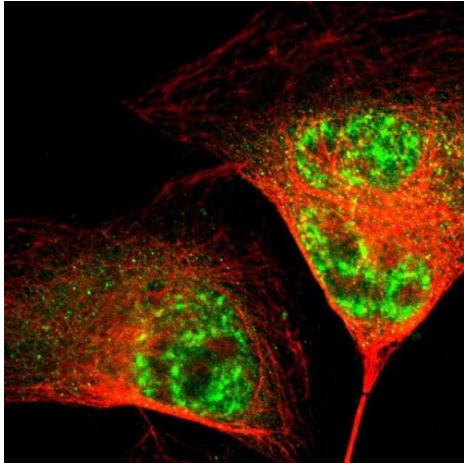
Post-translational modifications

Autopalmitoylated.

Cellular localization

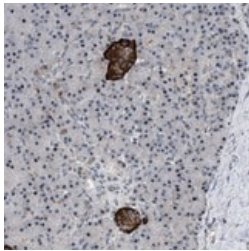
Membrane.

Images



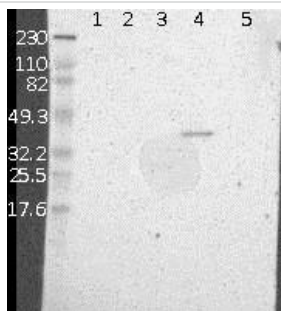
Immunocytochemistry/ Immunofluorescence - Anti-DHHC-15 antibody (ab121203)

Immunofluorescent staining of Human cell line U-2 OS shows positivity in nucleus but not nucleoli and cytoplasm. Recommended concentration of ab121203 1-4 µg/ml. Cells treated with PFA/Triton X-100.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DHHC-15 antibody (ab121203)

ab121203 at 1/5 dilution staining DHHC-15 in Paraffin-embedded Human Pancreas tissue by Immunohistochemistry.



Western blot - Anti-DHHC-15 antibody (ab121203)

All lanes : Anti-DHHC-15 antibody (ab121203) at 1/250 dilution

Lane 1 : RT 4 cell lysate

Lane 2 : U 251 MG cell lysate

Lane 3 : A431 cell lysate

Lane 4 : Human Liver cell lysate

Lane 5 : Human tonsil cell lysate

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

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- Response to your inquiry within 24 hours

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- We investigate all quality concerns to ensure our products perform to the highest standards

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