


Product datasheet

Anti-ZDHHC9 antibody ab217757

1 Image

Overview

Product name	Anti-ZDHHC9 antibody
Description	Rabbit polyclonal to ZDHHC9
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Rat Predicted to work with: Mouse 
Immunogen	Synthetic peptide within Human ZDHHC9 aa 100-200 conjugated to keyhole limpet haemocyanin. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements. Database link: Q9Y397

 [Run BLAST with](#)

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General notes

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.

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

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. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Proclin 300 Constituents: 50% Glycerol (glycerin, glycerine), 1% BSA, 48.98% TBS, 1X
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab217757 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		1/100 - 1/1000. Detects a band of approximately 40 kDa (predicted molecular weight: 41 kDa).

Target

Function

The ZDHHC9-GOLGA7 complex is a palmitoyltransferase specific for HRAS and NRAS.

Tissue specificity

Highly expressed in kidney, skeletal muscle, brain, lung and liver. Absent in thymus, spleen and leukocytes.

Involvement in disease

Defects in ZDHHC9 are the cause of mental retardation syndromic X-linked ZDHHC9-related (MRXSZ) [MIM:300799]. A disorder characterized by significantly sub-average general intellectual functioning associated with impairments in adaptive behavior and manifested during the developmental period. Some patients have marfanoid habitus as an additional feature.

Sequence similarities

Belongs to the DHHC palmitoyltransferase family. ERF2/ZDHHC9 subfamily. Contains 1 DHHC-type zinc finger.

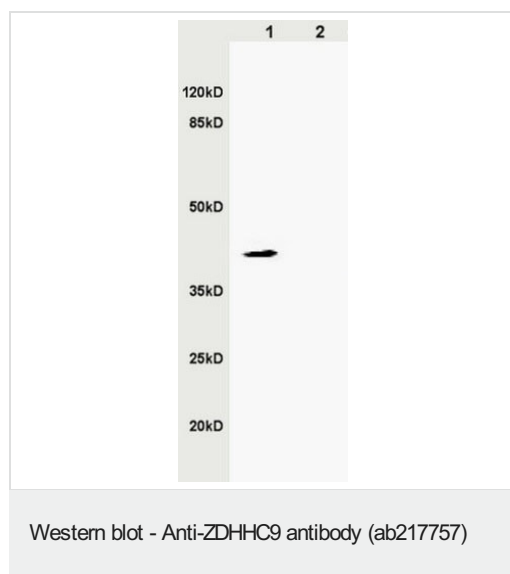
Domain

The DHHC domain is required for palmitoyltransferase activity.

Cellular localization

Endoplasmic reticulum membrane. Golgi apparatus membrane.

Images



All lanes : Anti-ZDHHC9 antibody (ab217757) at 1/200 dilution

Lane 1 : Rat kidney lysate

Lane 2 : Rat brain lysate

Secondary

All lanes : Goat anti-rabbit IgG (H+L), HRP conjugated at 1/3000 dilution

Predicted band size: 41 kDa

Observed band size: 40 kDa

12% SDS-PAGE gel.

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

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