abcam

Product datasheet

Anti-PCSK9 antibody ab28770

★★★★★ 2 Abreviews 13 References 1 Image

Overview

Product name Anti-PCSK9 antibody

Description Goat polyclonal to PCSK9

Host species Goat

Tested applications Suitable for: WB

Species reactivity Reacts with: Human

Immunogen Synthetic peptide:

CRSRHLAQASQELQ

, corresponding to C terminal amino acids 679-692 of Human PCSK9

Run BLAST with
Run BLAST with

Positive control WB: Human adipose lysate.

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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

Storage buffer pH: 7.30

Preservative: 0.02% Sodium azide

Constituents: Tris buffered saline, 0.5% BSA

Purity Immunogen affinity purified

Purification notes ab28770 was purified from goat serum by ammonium sulphate precipitation prior to immunogen

affinity chromatography.

Clonality Polyclonal

Isotype IgG

1

Applications

The Abpromise guarantee

Our Abpromise guarantee covers the use of ab28770 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 | ★★★★ ★ (2) | Use a concentration of 0.3 - 1 µg/ml. Predicted molecular weight: 74 kDa. 1 hour primary incubation is recommended for this product. |

Target

| Function N | ay be implicated in | n the differentiation of cortical | neurons and may play a role in cholesterol |
|------------|---------------------|-----------------------------------|--|
|------------|---------------------|-----------------------------------|--|

homeostasis.

Tissue specificity Expressed in neuro-epithelioma, colon carcinoma, hepatic and pancreatic cell lines, and in

Schwann cells.

Involvement in disease Defects in PCSK9 are the cause of familial hypercholesterolemia 3 (FH3) [MIM:603776]. FH3

inheritance is autosomal dominant.

Sequence similarities Belongs to the peptidase S8 family.

Contains 1 peptidase S8 domain.

Post-translational

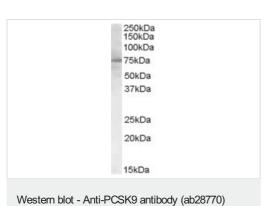
The soluble zymogen undergoes autocatalytic intramolecular processing in the endoplasmic modifications

reticulum, resulting in the cleavage of its propeptide that remains associated with the secreted

enzyme.

Cellular localization Secreted.

Images



Anti-PCSK9 antibody (ab28770) at 0.3 µg/ml + Human Adipose

lysate in RIPA buffer at 35 µg

Developed using the ECL technique.

Predicted band size: 74 kDa

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

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