

Product datasheet

Anti-Flotillin 2 antibody ab20399

1 References 1 Image

Overview

Product name	Anti-Flotillin 2 antibody
Description	Goat polyclonal to Flotillin 2
Host species	Goat
Tested applications	Suitable for: ELISA, WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide: SKIPLIKKATGVQV , corresponding to C terminal amino acids 366-379 of Human Flotillin 2. Run BLAST with Run BLAST with
Positive control	Human lung lysate.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, 0.5mg/ml Tris buffered saline. pH 7.3
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab20399** 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
ELISA		
WB		

Application	Abreviews	Notes
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Application notes

Peptide ELISA: 1/32000.

WB: Use at a concentration of 0.3 µg/ml. Detects a band of approximately 48 kDa. Please note that this is significantly higher than the predicted size of 42kDa but agrees with the findings of Rajendran et al (see ref below). The 48kDa band was successfully blocked by incubation with the immunizing peptide. Use RIPA buffer.

Not tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Function

May act as a scaffolding protein within caveolar membranes, functionally participating in formation of caveolae or caveolae-like vesicles. May be involved in epidermal cell adhesion and epidermal structure and function.

Tissue specificity

In skin, expressed in epidermis and epidermal appendages but not in dermis. Expressed in all layers of the epidermis except the basal layer. In hair follicles, expressed in the suprabasal layer but not the basal layer. Also expressed in melanoma and carcinoma cell lines, fibroblasts and foreskin melanocytes.

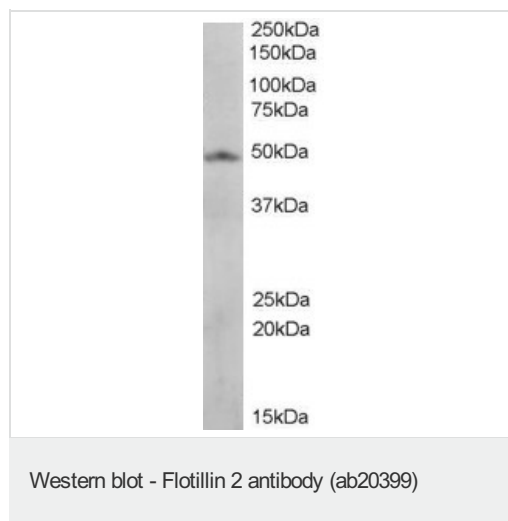
Sequence similarities

Belongs to the band 7/mec-2 family. Flotillin subfamily.

Cellular localization

Cell membrane. Membrane > caveola. Endosome. Membrane-associated protein of caveolae.

Images



Anti-Flotillin 2 antibody (ab20399) at 1 µg/ml +
Human lung lysate at 0.3 µg/ml

Predicted band size: 42 kDa

Observed band size: 48 kDa

Primary incubation was 1 hour. Detected by
chemiluminescence.

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