


Product datasheet

Anti-Flotillin 1 antibody ab50671

5 References 1 Image

Overview

|                            |  |
|----------------------------|--|
| <b>Product name</b>        | Anti-Flotillin 1 antibody  |
| <b>Description</b>         | Rabbit polyclonal to Flotillin 1   |
| <b>Host species</b>        | Rabbit   |
| <b>Tested applications</b> | <b>Suitable for:</b> WB, ICC/IF  |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Mouse, Rat, Human<br><b>Predicted to work with:</b> Cow, Pig, Macaque monkey, Rhesus monkey, Orangutan    |
| <b>Immunogen</b>           | Synthetic peptide corresponding to amino acid residues 413-428 of mouse flotillin 1 with an N terminal added cysteine, conjugated to KLH. The corresponding sequence is identical in Rat and differs by one amino acid in Human<br><a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a> |
| <b>Positive control</b>    | Human HEK-293T cells and whole cell extract of mouse/rat lung.   |

Properties

|                             |  |
|-----------------------------|--|
| <b>Form</b>                 | Liquid   |
| <b>Storage instructions</b> | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. |
| <b>Storage buffer</b>       | Preservative: 15mM Sodium Azide<br>Constituents: 0.01M PBS, pH 7.4   |
| <b>Purity</b>               | Immunogen affinity purified  |
| <b>Clonality</b>            | Polyclonal   |
| <b>Isotype</b>              | IgG  |

Applications

Our [Abpromise guarantee](#) covers the use of **ab50671** 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          |           |       |

| Application | Abreviews | Notes |
|-------------|-----------|-------|
|-------------|-----------|-------|

ICC/IF

#### Application notes

ICC/IF: Use at a concentration of 5 - 10 µg/ml (recommended with Human HEK-293T cells).  
 WB: Use at a concentration of 0.5 - 2.0 µg/ml (recommended with whole cell extract of mouse/rat lung). Detects a band of approximately 48 kDa (predicted molecular weight: 48 kDa).

Not yet 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.

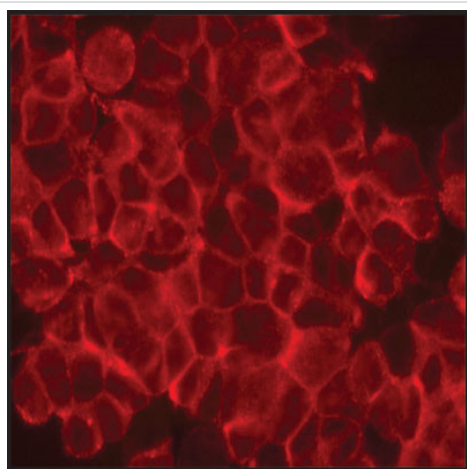
#### Sequence similarities

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

#### Cellular localization

Cell membrane. Membrane > caveola. Melanosome. Endosome. Membrane-associated protein of caveolae. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

#### Images



Indirect Immunofluorescence. Human 293T cells were fixed and permeabilized with 4% paraformaldehyde followed by 0.5% Triton-X-100. Fixed cells were stained with 10 µg/mL Anti-Flotillin 1. The antibody was developed with Goat Anti-Rabbit IgG, Cy3 conjugate.

Immunocytochemistry/ Immunofluorescence -  
 Flotillin 1 antibody (ab50671)

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