Product datasheet

Anti-Scavenging Receptor SR-BI antibody ab106572

Overview

Product name: Anti-Scavenging Receptor SR-BI antibody

Description: Rabbit polyclonal to Scavenging Receptor SR-BI

Host species: Rabbit

Tested applications: Suitable for: ICC/IF, WB, IHC-P

Species reactivity: Reacts with: Mouse, Rat, Human

Immunogen: A 15 amino acid peptide near the amino terminus of Human Scavenging Receptor SR-BI.

Positive control: WB: Human spleen tissue lysate IHC-P: Human spleen tissue

Properties

Form: Liquid

Storage instructions: Shipped at 4°C. Store at 4°C (stable for up to 12 months).

Storage buffer: Preservative: 0.02% Sodium azide Constituent: PBS

Purity: Immunogen affinity purified

Clonality: Polyclonal

Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab106572 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
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<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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<tbody>
<tr>
<td>ICC/IF</td>
<td></td>
<td>Use a concentration of 20 µg/ml.</td>
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<tr>
<td>WB</td>
<td></td>
<td>Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 61 kDa.</td>
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<tr>
<td>IHC-P</td>
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<td>Use a concentration of 2.5 µg/ml.</td>
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</table>
**Function**
Receptor for different ligands such as phospholipids, cholesterol ester, lipoproteins, phosphatidylserine and apoptotic cells. Probable receptor for HDL, located in particular region of the plasma membrane, called caveolae. Facilitates the flux of free and esterified cholesterol between the cell surface and extracellular donors and acceptors, such as HDL and to a lesser extent, apoB-containing lipoproteins and modified lipoproteins. Probably involved in the phagocytosis of apoptotic cells, via its phosphatidylserine binding activity. Receptor for hepatitis C virus glycoprotein E2. Binding between SCARB1 and E2 was found to be independent of the genotype of the viral isolate. Plays an important role in the uptake of HDL cholesteryl ester.

**Tissue specificity**
Widely expressed.

**Sequence similarities**
Belongs to the CD36 family.

**Post-translational modifications**
N-glycosylated.

**Cellular localization**
Cell membrane. Membrane > caveola. Predominantly localized to cholesterol and sphingomyelin-enriched domains within the plasma membrane, called caveolae.

**Images**

**Lane 1**: Anti-Scavenging Receptor SR-BI antibody (ab106572) at 1 µg/ml

**Lane 2**: Anti-Scavenging Receptor SR-BI antibody (ab106572) at 2 µg/ml

**All lanes**: Human spleen tissue lysate

Lysates/proteins at 15 µg per lane.

**Predicted band size**: 61 kDa

Immunohistochemical analysis of Scavenging Receptor SR-BI in paraffin embedded Human spleen tissue sections, using ab106572 at 2.5 µg/ml.
Immunocytochemistry/ Immunofluorescence - Anti-Scavenging Receptor SR-B1 antibody (ab106572)

Immunofluorescence of SCARB1 in Human Spleen cells using ab106572 at 20 ug/ml.

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