Anti-ANGPTL3 antibody ab84035

Overview

Product name: Anti-ANGPTL3 antibody
Description: Rabbit polyclonal to ANGPTL3
Host species: Rabbit
Tested applications: Suitable for: WB
Species reactivity: Reacts with: Human
Predicted to work with: Pig
Immunogen: Synthetic peptide conjugated to KLH derived from within residues 400 to the C-terminus ANGPTL3. Read Abcam's proprietary immunogen policy (Peptide available as ab94376.)
Positive control: This antibody gave a positive signal in the following whole cell lysates: HepG2; HEK293; A498

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 or -80°C. Avoid freeze / thaw cycle.
Storage buffer: Preservative: 0.02% Sodium Azide
Constituents: 1% BSA, PBS, pH 7.4
Purity: Immunogen affinity purified
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab84035 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>WB</td>
<td>WB: Use at a concentration of 1 µg/ml. Detects a band of approximately 58 &amp; 56 kDa (predicted...</td>
</tr>
</tbody>
</table>
molecular weight: 54 kDa). Not yet tested in other applications. Optimal dilutions/concentrations should be determined by the end user.

**Target**

**Tissue specificity**
Expressed principally in liver. Weakly expressed in kidney.

**Sequence similarities**
Contains 1 fibrinogen C-terminal domain.

**Cellular localization**
Secreted.

**Images**

All lanes: Anti-ANGPTL3 antibody (ab84035) at 1 µg/ml

Lane 1: HepG2 (Human hepatocellular liver carcinoma cell line) Whole Cell Lysate
Lane 2: HEK293 (Human embryonic kidney cell line) Whole Cell Lysate
Lane 3: A498 (Human Kidney Carcinoma) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

**Secondary**

All lanes: Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 54 kDa
**Observed band size:** 58 kDa

why is the actual band size different from the predicted?

**Additional bands at:** 56 kDa (possible cleavage fragment)

**Exposure time:** 20 minutes

ANGPTL3 contains a number of potential glycosylation sites (SwissProt) which may explain its migration at a higher molecular weight than predicted. We hypothesize that the 58 and 56 kDa bands represent the precursor and mature proteins, respectively.
Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors