Product datasheet

Anti-OVGP1/OGP antibody ab74544

Overview

Product name: Anti-OVGP1/OGP antibody
Description: Rabbit polyclonal to OVGP1/OGP
Host species: Rabbit
Tested applications: Suitable for: WB, ICC/IF, ICC, IHC-P
Species reactivity: Reacts with: Mouse, Rat, Human
Immunogen: Synthetic peptide corresponding to Human OVGP1/OGP (N terminal).
Database link: NP_002548
Positive control: human placenta tissue
General notes: This product was previously labelled as OVGP1

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at +4°C.
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 ab74544 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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<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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<tbody>
<tr>
<td>WB</td>
<td></td>
<td>Use a concentration of 1 µg/ml. Detects a band of approximately 150 kDa.</td>
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Function
Binds to oocyte zona pellucida in vivo. May play a role in the fertilization process and/or early embryonic development.

Tissue specificity
Oviduct.

Sequence similarities
Belongs to the glycosyl hydrolase 18 family.

Cellular localization
Cytoplasmic vesicle > secretory vesicle. Secretory granules.

Images
PFA-fixed, Triton X-100 permeabilized HEK-293 (human epithelial cell line from embryonic kidney) cells stained for OVGP1/OGP (green) using ab74544 at 5 µg/ml in ICC/IF.
Anti-OVGP1/OGP antibody (ab74544) at 1 µg/ml + human placenta tissue lysate

**Observed band size:** 150 kDa

*why is the actual band size different from the predicted?*

PFA-fixed, Triton X-100 permeabilized HEK-293 (human epithelial cell line from embryonic kidney) cells stained for OVGP1/OGP using ab74544 at 2.5 µg/ml in ICC/IF.

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

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