



Product datasheet

Anti-ORP2 antibody ab235298

2 Images

Overview

Product name	Anti-ORP2 antibody
Description	Rabbit polyclonal to ORP2
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	<p>Recombinant fragment corresponding to Human ORP2 aa 251-480. Sequence:</p> <p>QYGTVEILNHRTGHKCVLHFKPCGLFGKELHKVEGHIQDK NKKKLFMIYG KWTECLWGIDPVSYESFKKQERRGDHLRKAKLDEDSGK ADSDVADDVPVA QETVQVIPGSKLLWRINTRPPNSAQMYNFTSFTVSLNELET GMEKTLPPT DCRLRPDIRGMENGNMDLASQEKERLEEKQREARRERA KEEAEWQTRWFY PGNNPYTGTPDWLYAGDYFERNFSDCPDIY</p> <p>Database link: Q9H1P3</p> <p style="text-align: right;">  Run BLAST with  Run BLAST with </p>
Positive control	WB: HepG2 and HeLa whole cell lysate; Mouse heart lysate. IHC-P: Human tonsil tissue.
General notes	<p>This product was previously labelled as OSBPL2</p> <p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p>

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.

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 long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Constituents: 50% Glycerol (glycerin, glycerine), PBS, 0.03% Proclin 300
Purity	Protein G purified
Purification notes	Purity >95%.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab235298** in the following tested applications.

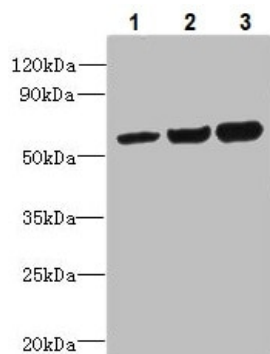
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/2000. Predicted molecular weight: 55 kDa.
IHC-P		1/20 - 1/200.

Target

Function	Binds phospholipids; exhibits strong binding to phosphatidic acid and weak binding to phosphatidylinositol 3-phosphate (PubMed:11279184). Binds 25-hydroxycholesterol (PubMed:17428193).
Tissue specificity	Widely expressed.
Involvement in disease	Deafness, autosomal dominant, 67
Sequence similarities	Belongs to the OSBP family.

Images



Western blot - Anti-ORP2 antibody (ab235298)

All lanes : Anti-ORP2 antibody (ab235298) at 1/500 dilution

Lane 1 : HepG2 (human liver hepatocellular carcinoma cell line) whole cell lysate

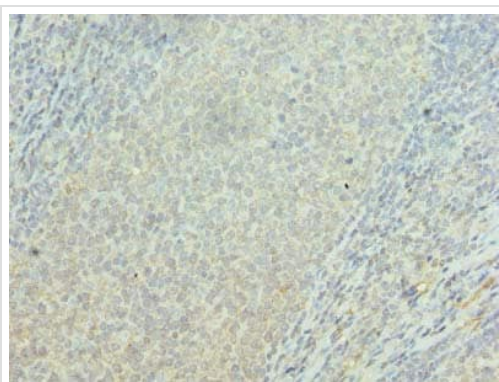
Lane 2 : Mouse heart lysate

Lane 3 : HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate

Secondary

All lanes : Goat polyclonal to Rabbit IgG at 1/10000 dilution

Predicted band size: 55 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ORP2 antibody (ab235298)

Paraffin-embedded human tonsil tissue stained for ORP2 using ab235298 at 1/100 dilution in immunohistochemical analysis.

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

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.

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