




Product datasheet

Anti-VIP2 antibody ab204374

★★★★★ [1 Abreviews](#) [2 References](#) [2 Images](#)

Overview

Product name	Anti-VIP2 antibody
Description	Rabbit polyclonal to VIP2
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Orangutan 
Immunogen	Recombinant fragment corresponding to Human VIP2 aa 850-1000. Database link: O43314  Run BLAST with  Run BLAST with
Positive control	Human hippocampus tissue; U-2OS cells.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>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, along with publications, customer reviews and Q&As</p>

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: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab204374 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
ICC/IF		Use a concentration of 0.25 - 2 µg/ml.
IHC-P		1/1000 - 1/2500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

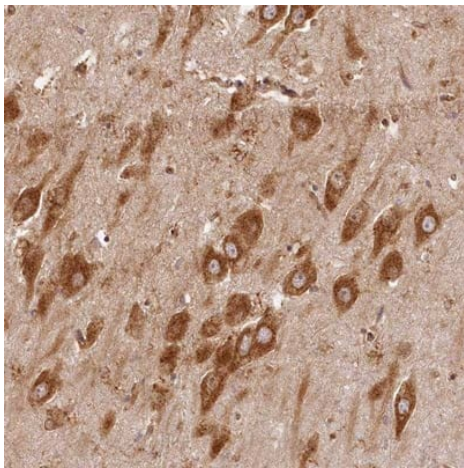
Target

Function Bifunctional inositol kinase that catalyzes the formation of diphosphoinositol pentakisphosphate (InsP7 or PP-InsP5) and bi-diphosphoinositol tetrakisphosphate (InsP8 or PP2-InsP4). Converts inositol hexakisphosphate (InsP6) to InsP7. Also able to convert InsP7 to InsP8. Probably specifically mediates the formation of 4PP-InsP5 and 6PP-InsP5 InsP7 isomers but not of 5PP-IP5 InsP7 isomer.

Sequence similarities Belongs to the histidine acid phosphatase family, VIP1 subfamily.

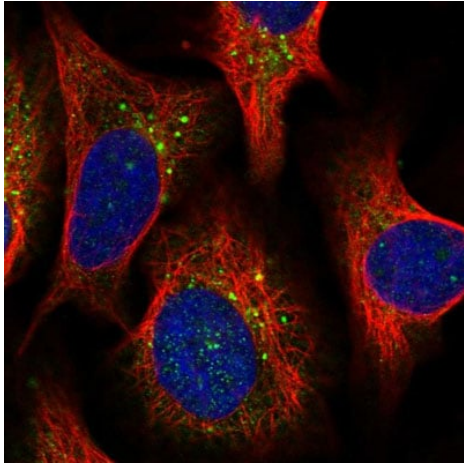
Cellular localization Cytoplasm > cytosol.

Images



Immunohistochemical analysis of Human paraffin-embedded hippocampus tissue labeling VIP2 with ab204374 at 1/1000 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-VIP2 antibody (ab204374)



Immunofluorescent analysis of PFA-fixed, Triton X-100 permeabilized U-2OS cells labeling VIP2 with ab204374 at 4 µg/ml (green).

Immunocytochemistry/ Immunofluorescence - Anti-VIP2 antibody (ab204374)

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.

Terms and conditions

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