

Anti-TAPP-2 antibody ab121218

3 Images

Overview

| | |
|----------------------------|---|
| Product name | Anti-TAPP-2 antibody |
| Description | Rabbit polyclonal to TAPP-2 |
| Host species | Rabbit |
| Tested applications | Suitable for: ICC/IF, IHC-P, WB |
| Species reactivity | Reacts with: Human |
| Immunogen | Recombinant fragment corresponding to Human TAPP-2 aa 52-189. |
| Positive control | Human Pancreas tissue; RT-4 and U-251 MG cell lysate; Human Tonsil lysate. |
| 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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| Storage buffer | <p>pH: 7.20</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)</p> |
| Purity | Immunogen affinity purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

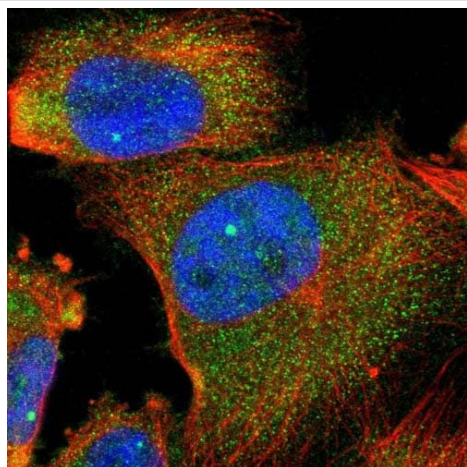
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab121218 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|---|
| ICC/IF | | Use a concentration of 1 - 4 µg/ml. Recommend PFA Fixation and Triton X-100 treatment |
| IHC-P | | 1/200 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. |
| WB | | 1/250 - 1/500. |

Target

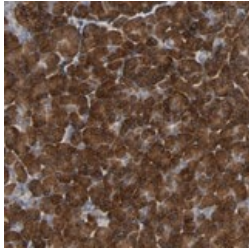
| | |
|------------------------------|--|
| Function | Binds specifically to phosphatidylinositol-3,4-diphosphate (PtdIns3,4P2), but not to other phosphoinositides. May recruit other proteins to the plasma membrane. |
| Tissue specificity | Highly expressed in heart, kidney, spleen and peripheral blood leukocytes. Detected at lower levels in brain, skeletal muscle, colon, thymus, liver, small intestine, placenta and lung. |
| Sequence similarities | Contains 2 PH domains. |
| Cellular localization | Cytoplasm. Cell membrane. Nucleus. Locates to the plasma membrane after treatments that stimulate the production of PtdIns3,4P2. |

Images



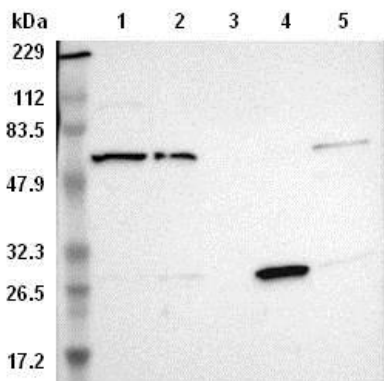
Immunofluorescent staining of Human cell line U-251MG shows positivity in nucleus and cytoplasm. Recommended concentration of ab121218 1-4 µg/ml. Cells treated with PFA/Triton X-100.

Immunocytochemistry/ Immunofluorescence - Anti-TAPP-2 antibody (ab121218)



ab121218, at 1/200 dilution, staining TAPP-2 in paraffin-embedded Human pancreas tissue, by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TAPP-2 antibody (ab121218)



All lanes : Anti-TAPP-2 antibody (ab121218) at 1/250 dilution

Lane 1 : RT-4 cell lysate

Lane 2 : U-251 MG cell lysate

Lane 3 : Human Plasma

Lane 4 : Human Liver lysate

Lane 5 : Human Tonsil lysate

Developed using the ECL technique.

Western blot - Anti-TAPP-2 antibody (ab121218)

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