

## Product datasheet

# Anti-TPPP2 antibody ab121215

[2 References](#) [3 Images](#)

### Overview

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|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-TPPP2 antibody   |
| <b>Description</b>         | Rabbit polyclonal to TPPP2  |
| <b>Host species</b>        | Rabbit  |
| <b>Tested applications</b> | <b>Suitable for:</b> ICC/IF, WB, IHC-P  |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Human   |
| <b>Immunogen</b>           | antigen sequence, corresponding to amino acids 8-150 of Human TPPP2.  |
| <b>Positive control</b>    | Human kidney tissue; TPPP2 transfected HEK293T lysate.  |
| <b>General notes</b>       | <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&amp;As</p> |

### Properties

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|                             |   |
|-----------------------------|---|
| <b>Form</b>                 | Liquid  |
| <b>Storage instructions</b> | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.                     |
| <b>Storage buffer</b>       | pH: 7.20<br>Preservative: 0.02% Sodium azide<br>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine) |
| <b>Purity</b>               | Immunogen affinity purified   |
| <b>Clonality</b>            | Polyclonal  |
| <b>Isotype</b>              | IgG   |

### Applications

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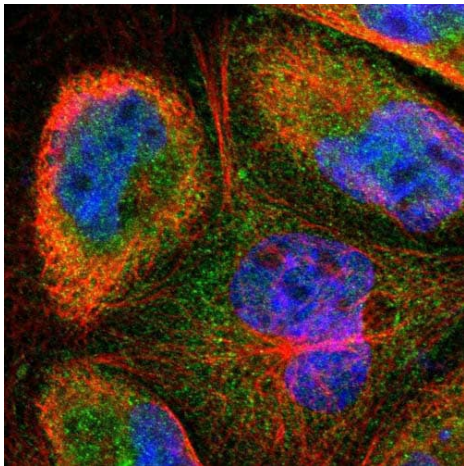
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab121215 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes  |
|-------------|-----------|--|
| ICC/IF      |           | Use a concentration of 1 - 4 µg/ml.<br>Recommend PFA Fixation and Triton X-100 treatment                                     |
| WB          |           | Use a concentration of 0.04 - 0.4 µg/ml.   |
| IHC-P       |           | 1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. |

## Target

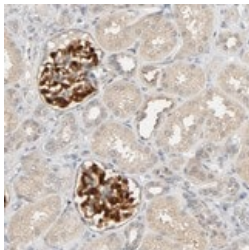
|                              |  |
|------------------------------|--|
| <b>Function</b>              | May bind tubulin but has no microtubule bundling activity. |
| <b>Sequence similarities</b> | Belongs to the TPPP family.                                |
| <b>Cellular localization</b> | Cytoplasm.   |

## Images



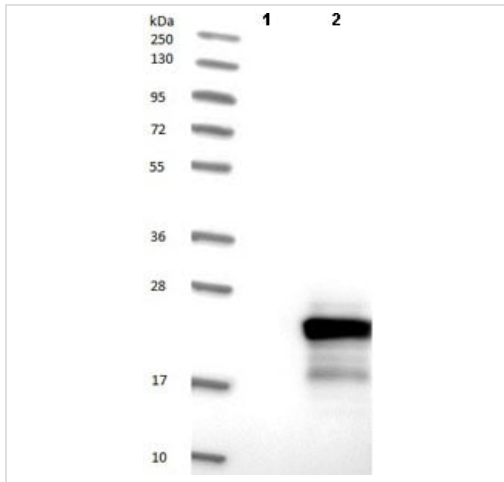
Immunocytochemistry/ Immunofluorescence - Anti-TPPP2 antibody (ab121215)

Immunofluorescent staining of Human cell line A-431 shows positivity in nucleus and cytoplasm. Recommended concentration of ab121215 1-4 µg/ml. Cells treated with PFA/Triton X-100.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TPPP2 antibody (ab121215)

ab121215 at 1/150 dilution staining TPPP2 in Paraffin-embedded Human Kidney tissue by Immunohistochemistry.



Western blot - Anti-TPPP2 antibody (ab121215)

**All lanes :** Anti-TPPP2 antibody (ab121215) at 1/250 dilution

**Lane 1 :** Negative control (vector only transfected HEK293T lysate)

**Lane 2 :** Over expression Lysate (Coexpressed with a C terminal myc DDK tag (~3.1 kDa) in mammalian HEK293T cells

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

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