

**Anti-PTRH2 antibody (40-179) (STJ28549)**  
STJ28549

**GENERAL INFORMATION**

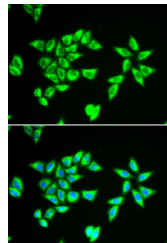
|                          |                       |
|--------------------------|-----------------------|
| <b>Product Type</b>      | Primary antibodies    |
| <b>Short Description</b> |                       |
| <b>Applications</b>      | WB/IHC-P/IF/ICC/ELISA |
| <b>Host/Source</b>       | Rabbit                |
| <b>Reactivity</b>        | Human/Mouse/Rat       |

**PRODUCT PROPERTIES**

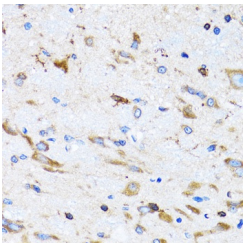
|                       |                                                                                                                                                                                                   |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>      | Polyclonal                                                                                                                                                                                        |
| <b>Clone ID</b>       |                                                                                                                                                                                                   |
| <b>Concentration</b>  | Lot specific                                                                                                                                                                                      |
| <b>Conjugation</b>    | Unconjugated                                                                                                                                                                                      |
| <b>Purification</b>   | Affinity purification                                                                                                                                                                             |
| <b>Dilution Range</b> | WB: 1:500-1:2000<br>IHC-P: 1:50-1:200<br>IF/ICC: 1:10-1:100<br>ELISA: Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>Formulation</b>    | PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.                                                                                                                                                |
| <b>Isotype</b>        | IgG                                                                                                                                                                                               |
| <b>Storage</b>        | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                                                                    |
| <b>Instruction</b>    |                                                                                                                                                                                                   |

**TARGET INFORMATION**

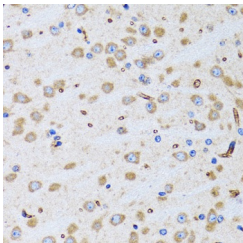
|                           |                                                                                                                                                        |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 51651                                                                                                                                                  |
| <b>Gene Symbol</b>        | PTRH2                                                                                                                                                  |
| <b>Uniprot ID</b>         | PTH2_HUMAN                                                                                                                                             |
| <b>Immunogen</b>          |                                                                                                                                                        |
| <b>Region</b>             | 40-179                                                                                                                                                 |
| <b>Specificity</b>        | Recombinant fusion protein containing a sequence corresponding to amino acids 40-179 of human PTRH2 (NP_057161.1).                                     |
| <b>Immunogen Sequence</b> | LPKSKTSKTHDTESEASIL GDSGEYKMLVVRNDLKMKGK GKVAACQCSHAASAYKQIQRR RNPEMLKQWEYCGQPKVVKV<br>APDEETLIALLAHAKMLGLT VSLIQDAGRQTQIAPGSQTVL GIGPGPADLIDKVTGHLKLY |



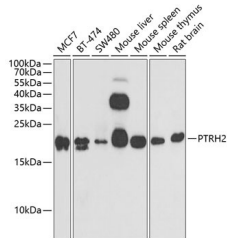
Immunofluorescence analysis of MCF-7 cells using PTRH2 antibody (STJ28549). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded mouse spinal cord using PTRH2 antibody (STJ28549) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat brain using PTRH2 antibody (STJ28549) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of various cell lines using PTRH2 antibody (STJ28549) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081