

## Rabbit anti-Human Peptidyl-tRNA hydrolase 2 Polyclonal Antibody | anti-PTRH2 antibody

Rabbit anti-human Peptidyl-tRNA hydrolase 2, mitochondrial polyclonal Antibody(PTRH2)

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA119774</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

Peptidyl-tRNA hydrolase 2; Polyclonal Antibody; Rabbit anti-human Peptidyl-tRNA hydrolase 2; mitochondrial polyclonal Antibody(PTRH2); PTH 2; Bcl-2 inhibitor of transcription 1; PTRH2; BIT1; PTH2; CGI-147; anti-PTRH2 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                         |
| Reactivity                                      | Human                                                                                                          |
| Clonality                                       | Polyclonal                                                                                                     |
| Isotype                                         | IgG                                                                                                            |
| Purity/Purification                             | Antigen Affinity Purified                                                                                      |
| Sequence Length                                 | 180                                                                                                            |
| Applicable Applications for anti-PTRH2 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                           |
| Storage Buffer                                  | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                              |
| Conjugate                                       | Non-conjugated                                                                                                 |
| Immunogen                                       | Recombinant human Peptidyl-tRNA hydrolase 2, mitochondrial protein (40-179aa)                                  |
| Santa Cruz Alternative                          | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-324237 / sc-324239 / sc-133935         |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human small intestine using AAA119774 at dilution 1:100



#### WB (Western Blot)

All lanes: Peptidyl-tRNA hydrolase 2, mitochondrial antibody at 4ug/mL  
Lane 1: MM231 whole cell lysate  
Lane 2: Jurkat whole cell lysate  
Secondary: Goat polyclonal to rabbit at 1/10000 dilution  
Predicted band size: 19kDa  
Observed band size: 19kDa

### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                      |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PTRH2 antibody | The natural substrate for this enzyme may be peptidyl-tRNAs which drop off the ribosome during protein synthesis. Promotes caspase-independent apoptosis by regulating the function of two transcriptional regulators, AES and TLE1. |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|           |          |
|-----------|----------|
| NCBI GI # | 62865879 |
|-----------|----------|

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| NCBI GeneID                      | 51651                                              |
| NCBI Accession #                 | NP_001015509.1                                     |
| NCBI GenBank Nucleotide #        | NM_001015509.2                                     |
| UniProt Accession #              | Q9Y3E5; Q9NTE5; B3KUY4                             |
| Molecular Weight                 | 19,194 Da                                          |
| NCBI Official Full Name          | peptidyl-tRNA hydrolase 2, mitochondrial isoform a |
| NCBI Official Synonym Full Names | peptidyl-tRNA hydrolase 2                          |
| NCBI Official Symbol             | PTRH2                                              |
| NCBI Official Synonym Symbols    | PTH; BIT1; PTH2; PTH 2; CFAP37; IMNEPD; CGI-147    |
| NCBI Protein Information         | peptidyl-tRNA hydrolase 2, mitochondrial           |
| UniProt Protein Name             | Peptidyl-tRNA hydrolase 2, mitochondrial           |
| UniProt Gene Name                | <b>PTRH2</b>                                       |
| UniProt Synonym Gene Names       | BIT1; PTH2; PTH 2                                  |
| UniProt Entry Name               | PTH2_HUMAN                                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/peptidyl-trna-hydrolase-2-antibody-immunohistochemistry-western-blot-elisa/119774>