

PTRH2 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20260a

Specification

PTRH2 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O9Y3E5
Other Accession	NP_057161.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	19194
Antigen Region	26-55

PTRH2 Antibody (N-term) - Additional Information

Gene ID 51651

Other Names

Peptidyl-tRNA hydrolase 2, mitochondrial, PTH 2, Bcl-2 inhibitor of transcription 1, PTRH2, BIT1, PTH2

Target/Specificity

This PTRH2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 26-55 amino acids from the N-terminal region of human PTRH2.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PTRH2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PTRH2 Antibody (N-term) - Protein Information

Name PTRH2

Synonyms BIT1, PTH2

Function Peptidyl-tRNA hydrolase which releases tRNAs from the ribosome during protein synthesis (PubMed:[14660562](#)). Promotes caspase- independent apoptosis by regulating the function of two transcriptional regulators, AES and TLE1.

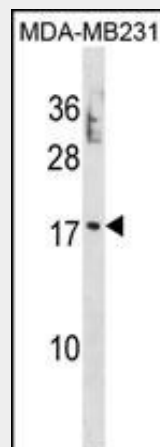
Cellular Location

Mitochondrion outer membrane; Single-pass membrane protein

PTRH2 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PTRH2 Antibody (N-term) - Images

PTRH2 Antibody (N-term) (Cat. #AP20260a) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the PTRH2 antibody detected the PTRH2 protein (arrow).

PTRH2 Antibody (N-term) - Background

The natural substrate for this enzyme may be peptidyl-tRNAs which drop off the ribosome during protein synthesis (By similarity).

Promotes caspase-independent apoptosis by regulating the function of two transcriptional regulators, AES and TLE1.

PTRH2 Antibody (N-term) - References

- Fan, T., et al. Int. J. Oncol. 35(2):359-367(2009)
Biliran, H., et al. J. Biol. Chem. 283(42):28029-28037(2008)
Bouchentouf, M., et al. Am. J. Transplant. 7(6):1491-1505(2007)
Jan, Y., et al. Cell 116(5):751-762(2004)

De Pereda, J.M., et al. J. Biol. Chem. 279(9):8111-8115(2004)