

Rabbit PTRH2 Polyclonal Antibody | anti-PTRH2 antibody

PTRH2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA168333	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

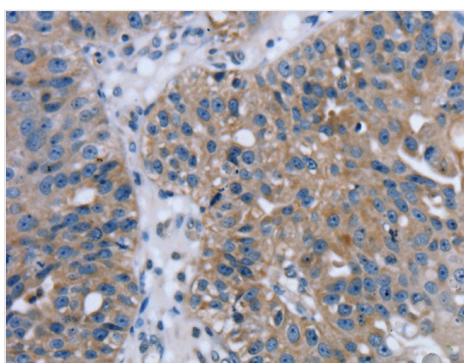
PRODUCT SYNONYMS

PTRH2; Polyclonal Antibody; PTRH2 Polyclonal Antibody; BIT1; PTH2; CFAP37; CGI-147; anti-PTRH2 antibody

PRODUCT SPECIFICATIONS

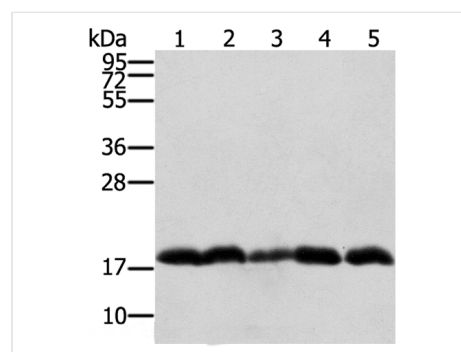
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.8mg/mL (varies by lot)
Sequence Length	179
Applicable Applications for anti-PTRH2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human PTRH2
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer using PTRH2 Polyclonal Antibody at dilution of 1:20



WB (Western Blot)

Western Blot analysis of Raji, Jurkat, 231, hepg2 and K562 cell using PTRH2 Polyclonal Antibody at dilution of 1:250

ADDITIONAL INFORMATION

Related Product Information for anti-PTRH2 antibody	PTRH2 (peptidyl-tRNA hydrolase 2), also known as BIT1 (Bcl-2 inhibitor of transcription 1), is a 179 amino acid mitochondrial protein. During apoptosis, PTRH2 is released from the mitochondria to the cytoplasm. Once in the cytoplasm, PTRH2 regulates the function of two transcriptional regulators, TLE5 and TLE1, thereby promoting caspase-independent cell death. It is also believed that the natural substrate for PTRH2 may be petidyl-tRNAs, which leave the ribosomes during protein synthesis.
Product Categories/Family for anti-PTRH2 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	6686183
NCBI GeneID	51651
Molecular Weight	19,194 Da
NCBI Official Full Name	Peptidyl-tRNA hydrolase 2, mitochondrial
NCBI Official Synonym Full Names	peptidyl-tRNA hydrolase 2
NCBI Official Symbol	PTRH2
NCBI Official Synonym Symbols	BIT1; PTH2; CFAP37; CGI-147
NCBI Protein Information	peptidyl-tRNA hydrolase 2, mitochondrial; PTH 2; bcl-2 inhibitor of transcription 1; cilia and flagella associated protein 37
UniProt Protein Name	Peptidyl-tRNA hydrolase 2, mitochondrial
UniProt Gene Name	PTRH2
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ptrh2-antibody-immunohistochemistry-western-blot-elisa/168333>