

For Research Use Only

PTRH1 Polyclonal antibody, PBS Only

Catalog Number:17651-1-PBS



Basic Information

Catalog Number:

17651-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11893

GenBank Accession Number:

BC047012

GeneID (NCBI):

138428

UNIPROT ID:

Q86Y79

Full Name:

peptidyl-tRNA hydrolase 1 homolog (S. cerevisiae)

Calculated MW:

214 aa, 23 kDa

Observed MW:

23 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

Peptidyl-tRNA hydrolase 1 homolog(PTRH1), also known as PTH1, is peptidyl-tRNA hydrolase that cleaves nascent chains-tRNAs that are not stably fixed in the P-site of 60S ribosome-nascent chain complexes. PTRH1 functions in the ribosome-associated quality control (RQC) pathway and is involved in the degradation of nonubiquitinated nascent chain (NC) polypeptides arising from interrupted translation(PMID:30244831).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

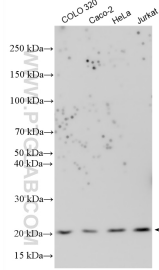
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17651-1-AP (PTRH1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17651-1-PBS in a different storage buffer formulation.