

For Research Use Only

RNASET2 Polyclonal antibody, PBS Only

Catalog Number: 13753-1-PBS



Basic Information

Catalog Number:

13753-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4695

GenBank Accession Number:

BC039713

GeneID (NCBI):

8635

UNIPROT ID:

O00584

Full Name:

ribonuclease T2

Calculated MW:

256 aa, 29 kDa

Observed MW:

29 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

RNASET2(Ribonuclease T2) is also named as RNASE6PL(Ribonuclease 6) and belongs to the RNase T2 family. It is a unique member of the growing family of tumor-antagonizing genes and behaves as a class II tumor suppressor and abolish the tumorigenic potential of an ovarian cancer-derived cell line. This protein has 2 isoforms produced by alternative splicing. Both mildly glycosylated (ranging from 38 to 45 kDa) and highly glycosylated forms (ranging from 50 to 80 kDa) of human tumor suppressor protein RNASET2 can be detected in immunoblotting in P. Pastoris(PMID: 21446958).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

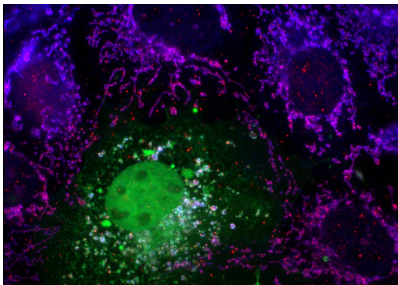
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

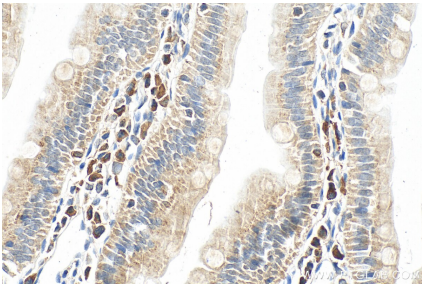
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

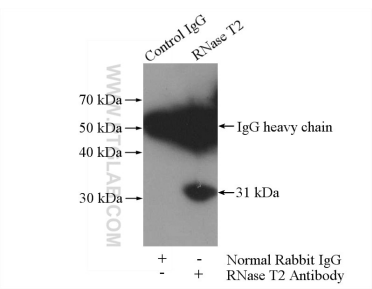
Selected Validation Data



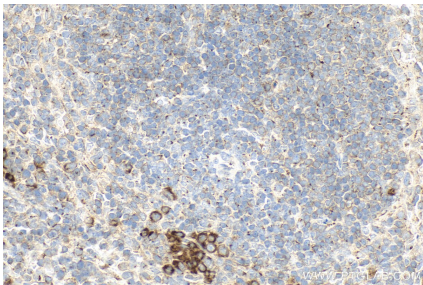
IF result of 13753-1-AP (anti-RNASET2) in COS7 cell by Dr. Nancy Kedersha. COS7 cells transiently transfected with FAST-KD4-YFP, counterstained with PTG RNASET2 antibody (red) and human anti-mitochondrial antigen in blue. Note that FAST-KD4-YFP overexpression alters mitochonrial morphology, and is also present at stress granules (green only). This data was developed using the same antibody clone with 13753-1-PBS in a different storage



Immunohistochemical analysis of paraffin-embedded rat small intestine tissue slide using 13753-1-AP (RNASET2 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 13753-1-PBS in a different storage buffer formulation.



IP result of anti-RNase T2 (IP:13753-1-AP, 4ug; Detection:13753-1-AP 1:300) with BxPC-3 cells lysate 4000ug. This data was developed using the same antibody clone with 13753-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 13753-1-AP (RNASET2 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 13753-1-PBS in a different storage buffer formulation.