

For Research Use Only

TREX1 Polyclonal antibody

Catalog Number: 24876-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

24876-1-AP

Size:

750 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18325

GenBank Accession Number:

BC023630

GeneID (NCBI):

11277

UNIPROT ID:

Q9NSU2

Full Name:

three prime repair exonuclease 1

Calculated MW:

369 aa, 39 kDa

Observed MW:

32-39 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

IP, WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : HeLa cells, HepG2 cells

IP : HeLa cells,

Background Information

TREX1 (three prime repair exonuclease 1), also known as trophoblast expressed 1, CRV, AGS1, AGS5, DRN3, HERN5 or DNase III, is a member of the exonuclease superfamily and belongs to the TREX family. TREX1 may play a role in DNA repair. TREX1 is expressed in thymus, spleen, liver, brain, heart, small intestine and colon. Mutations or defects in the gene encoding TREX1 have been associated with a variety of diseases, including systemic lupus erythematosus, chilblain lupus (CHBL), Aicardi-Goutieres syndrome type 1 (AGS1) and type 5 (AGS5).

Notable Publications

Author	Pubmed ID	Journal	Application
Rie Saito	30561700	J Neuropathol Exp Neurol	
Yan Li	38329876	Cell Rep	WB
Cason R King	37652009	Cell Host Microbe	IF, WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

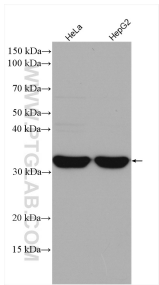
T: 4006900926

E: Proteintech-CN@ptglab.com

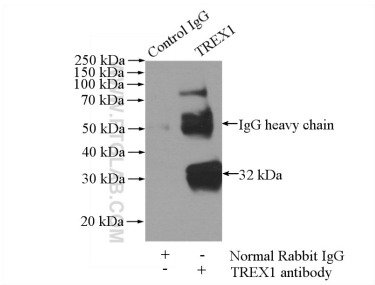
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24876-1-AP (TREX1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP result of anti-TREX1 (IP:24876-1-AP, 4ug; Detection:24876-1-AP 1:300) with HeLa cells lysate 1200ug.