

TREX1 Rabbit mAb

Catalog No.: A3819 **Recombinant**

Basic Information

Observed MW

33kDa/34kd

Calculated MW

33kDa

Category

Primary antibody

Applications

WB,IP,ELISA

Cross-Reactivity

Human

CloneNo number

ARC0841

Background

This gene encodes a nuclear protein with 3' exonuclease activity. The encoded protein may play a role in DNA repair and serve as a proofreading function for DNA polymerase. Mutations in this gene result in Aicardi-Goutieres syndrome, chilblain lupus, Cree encephalitis, and other diseases of the immune system. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:500 - 1:2000

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

ELISA Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on
your specific assay
requirements.

Immunogen Information

Gene ID

11277

Swiss Prot

Q9NSU2

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

CRV; AGS1; DRN3; HERNS; RVCLS; TREX1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

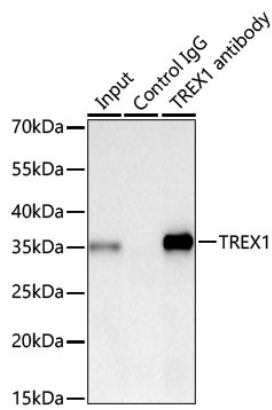
Affinity purification

Storage

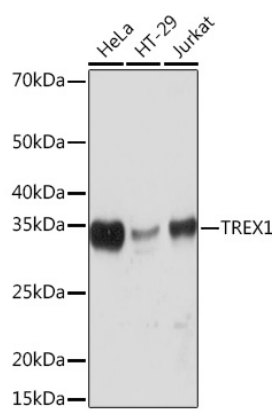
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Immunoprecipitation of TREX1 from 300 µg extracts of HeLa cells was performed using 0.5 µg of TREX1 Rabbit mAb (A3819). Rabbit IgG isotype control (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1X reducing Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using TREX1 Rabbit mAb (A3819) at a dilution of 1:1000.



Western blot analysis of various lysates using TREX1 Rabbit mAb (A3819) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.