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TREX1 Rabbit pAb

Catalog No.: A6778

1 Publications

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Basic Information

Observed MW
35 kDa

Calculated MW
33 kDa

Category
Polyclonal Antibodies

Applications
WB, IP, IF/ICC, ELISA

Cross Reactivity
Human, Mouse, Rat

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

IF/ICC 1:50 - 1:200

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

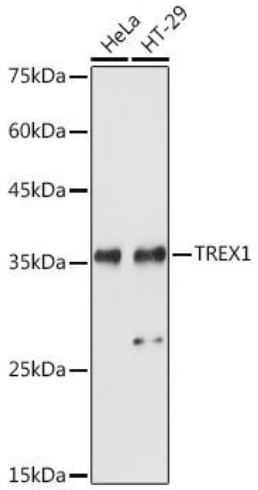
Source
Rabbit

Isotype
IgG

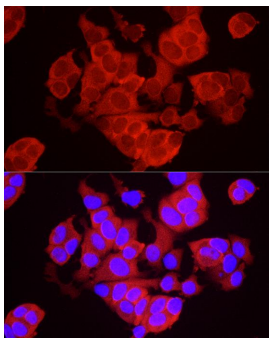
Purity
Affinity purification

Storage
Store at -20℃

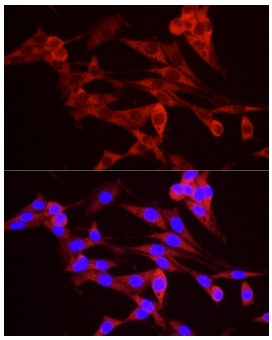
Validation Data



Western blot analysis of various lysates using TREX1 Rabbit pAb (A6778) 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: 1s.



Immunofluorescence analysis of MCF7 cells using TREX1 Rabbit pAb (A6778) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using TREX1 Rabbit pAb (A6778) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

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