

Anti-Three Prime Repair Exonuclease 1 Recombinant Rabbit Monoclonal Antibody



Catalog #: 4510

Aliases

TREX1; Three Prime Repair Exonuclease 1; DRN3; Three-Prime Repair Exonuclease 1; 3'-5' Exonuclease TREX1; Deoxyribonuclease III; DNase III; AGS1; Aicardi-Goutieres Syndrome 1; 3' Repair Exonuclease 1; EC 3.1.11.2; HERNS; RVCLS; CRV

Background

Gene Name: TREX1

NCBI Gene Entry: [11277](#)

UniProt Entry: [Q9NSU2](#)

Application Information

Molecular Weight: Predicted, 33 kDa; observed, 33 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB11580

Species Reactivity: Human

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human TREX1

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

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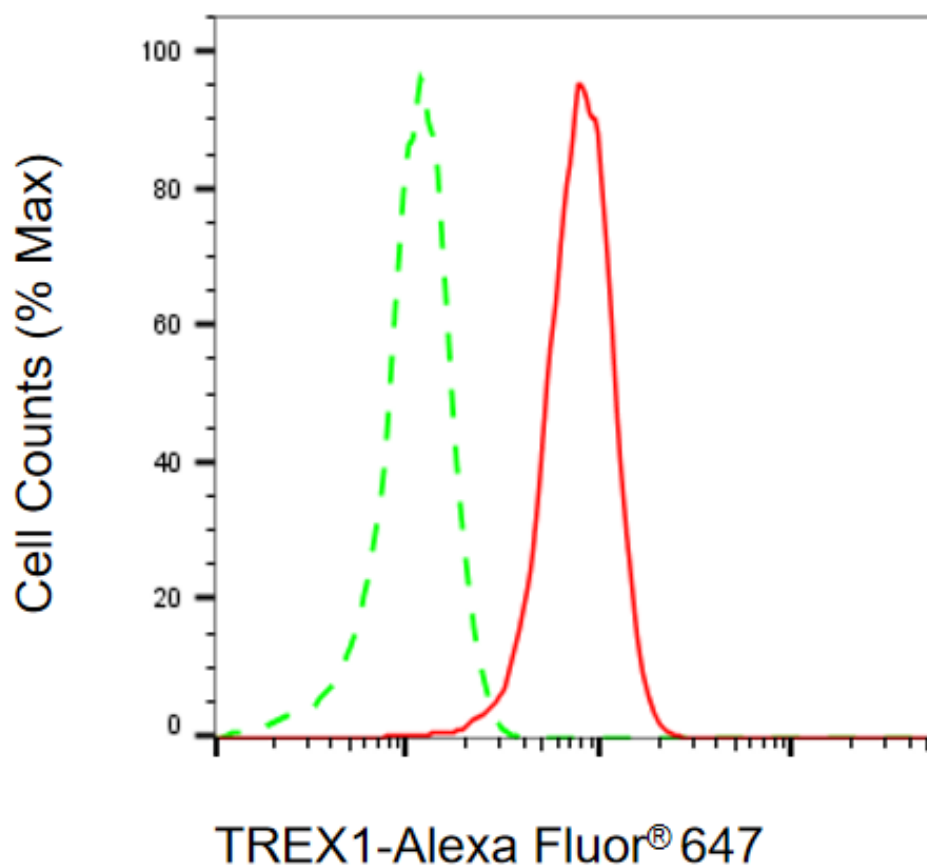
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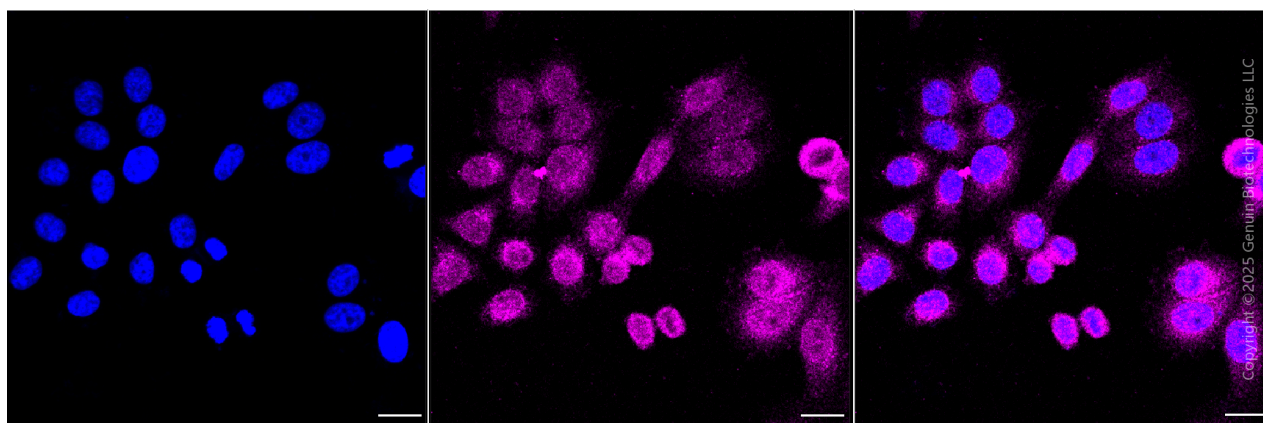
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Validation Data



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Flow cytometric analysis of TREX1 expression in HepG2 cells using anti-TREX1 antibody (Cat#4510, 1:2,000). Green, isotype control; red, TREX1.



Immunocytochemical staining of HepG2 cells with anti-TREX1 antibody (Cat#4510, 1:1,000). Nuclei were stained blue with DAPI; TREX1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart

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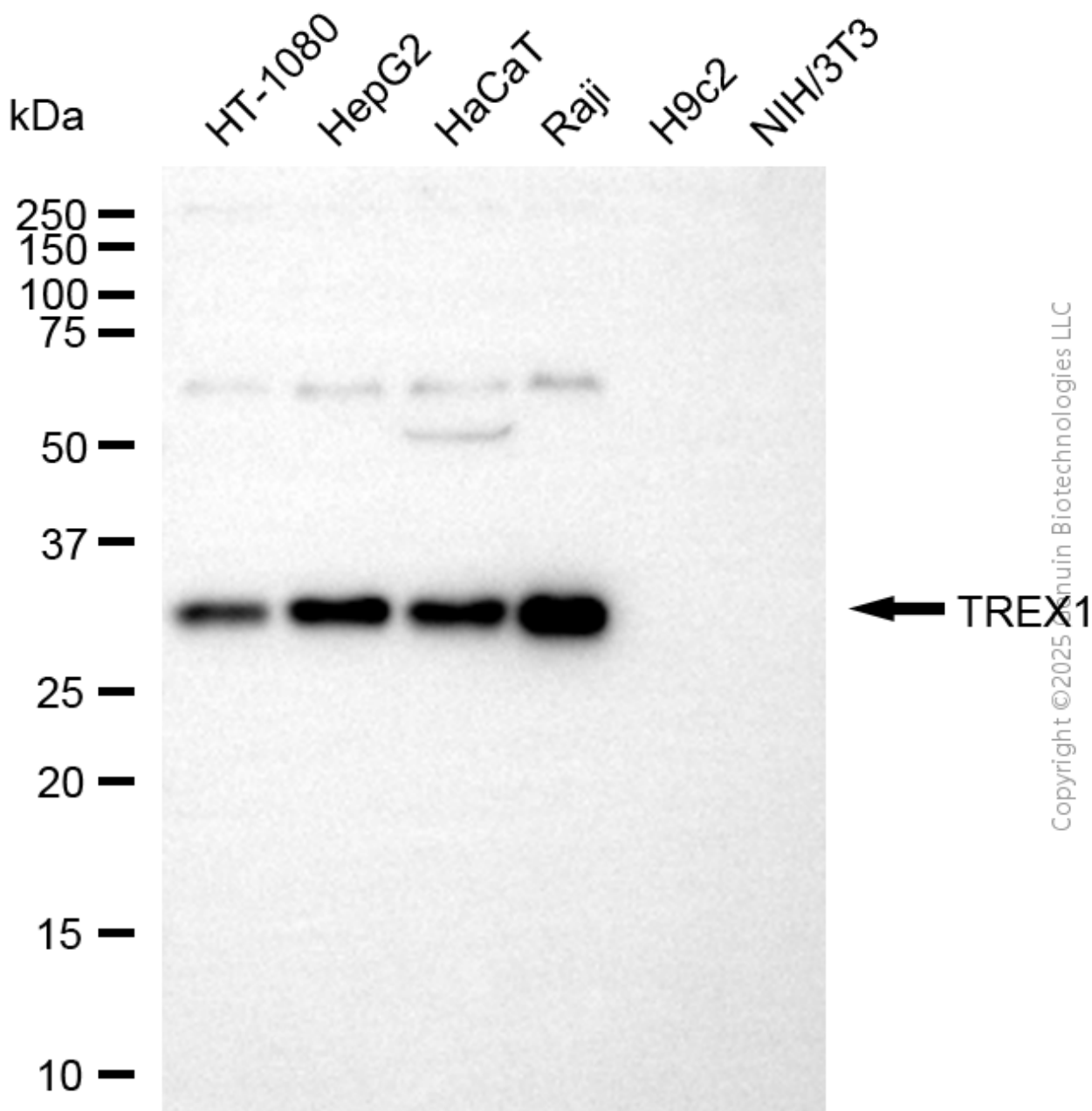
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gain: Medium. Scale bar, 20 μ m.



Western blotting analysis using anti-TREX1 antibody (Cat#4510). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-TREX1 antibody (Cat#4510, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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