9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-Three Prime Repair Exonuclease 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1746

Product Overview

Name	KD-Validated Anti-Three Prime Repair Exonuclease 1 Rabbit Monoclonal Antibody
Accession(Primary)	Q9NSU2
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human TREX1
Species Reactivity	Human
Calculated MW	Predicted, 33 kDa , observed , 33 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB):1:1,000-1:5,000 Immunocytochemistry (IC): 1:100-1:1,000 Flow Cytometry (FCM): 1:2,000

Target information (Q9NSU2)

Gene Name	TREX1
About Gene Symbol	TREX1 (Three Prime Repair Exonuclease 1) is a metabolic enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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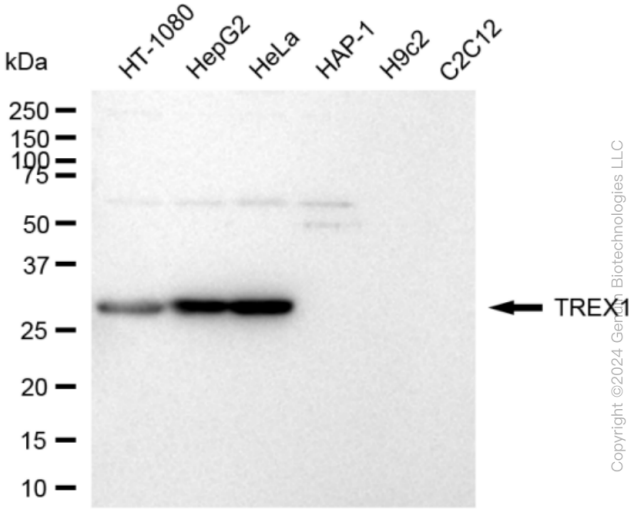

Western blotting analysis using anti-TREX1 antibody (Cat#ABG1746). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-TREX1 antibody (Cat#ABG1746, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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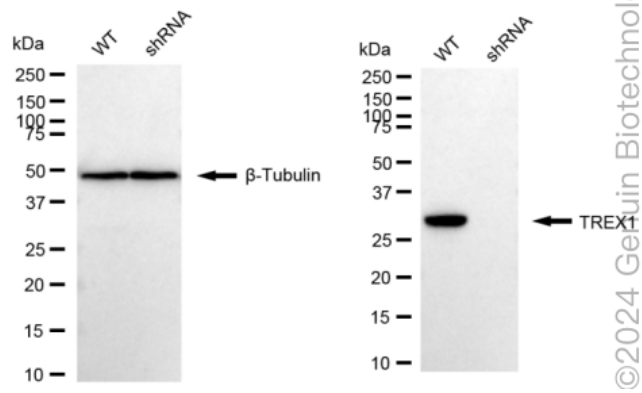

Western blotting analysis using anti-TREX1 antibody (Cat#ABG1746). TREX1 expression in wild type (WT) and TREX1 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-TREX1 antibody (Cat#ABG1746, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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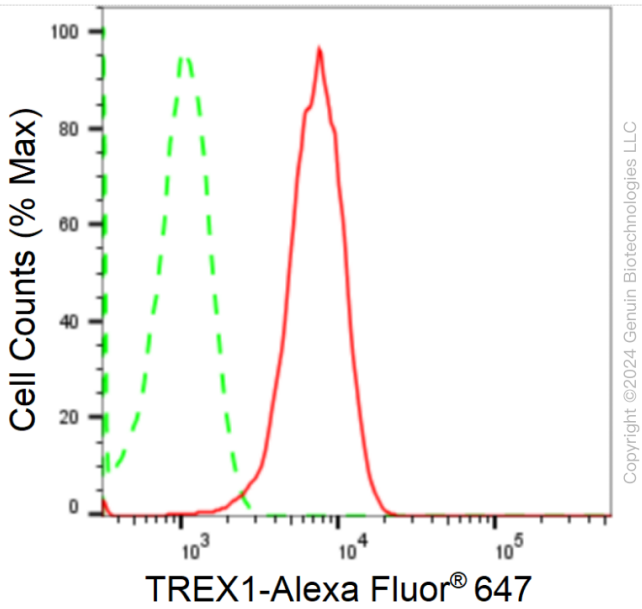

Flow cytometric analysis of TREX1 expression in HepG2 cells using anti-TREX1 antibody (Cat#ABG1746, 1:2,000). Green, isotype control; red, TREX1.

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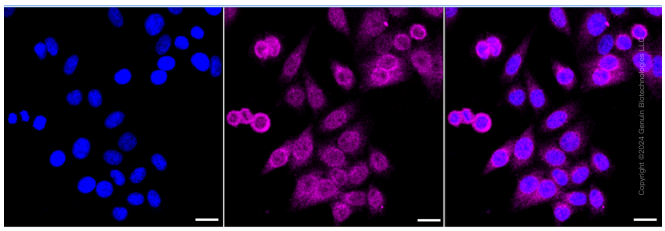

Immunocytochemical staining of HepG2 cells with anti-TREX1 antibody (Cat#ABG1746, 1:1,000). Nuclei were stained blue with DAPI; TREX1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.