

Anti-TREX2 Picoband Antibody
Catalog # ABO11723

Specification

Anti-TREX2 Picoband Antibody - Product Information

| | |
|-------------------|------------------------|
| Application | WB |
| Primary Accession | O9BQ50 |
| Host | Rabbit |
| Reactivity | Human |
| Clonality | Polyclonal |
| Format | Lyophilized |

Description

Rabbit IgG polyclonal antibody for Three prime repair exonuclease 2(TREX2) detection. Tested with WB in Human.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-TREX2 Picoband Antibody - Additional Information

Gene ID 11219

Other Names

Three prime repair exonuclease 2, 3.1.11.2, 3'-5' exonuclease TREX2, TREX2

Calculated MW

30621 MW KDa

Application Details

Western blot, 0.1-0.5 µg/ml, Human

Subcellular Localization

Nucleus .

Tissue Specificity

Detected in heart, breast, prostate, skeletal muscle, testis, uterus, bone marrow, colon, small intestine, stomach and thymus. .

Protein Name

Three prime repair exonuclease 2

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg NaN₃.

Immunogen

E. coli-derived human TREX2 recombinant protein (Position: E69-A279). Human TREX2 shares 88.6% amino acid (aa) sequence identity with mouse TREX2.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins.

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Anti-TREX2 Picoband Antibody - Protein Information

Name TREX2

Function

Exonuclease with a preference for double-stranded DNA with mismatched 3' termini. May play a role in DNA repair.

Cellular Location

Nucleus.

Tissue Location

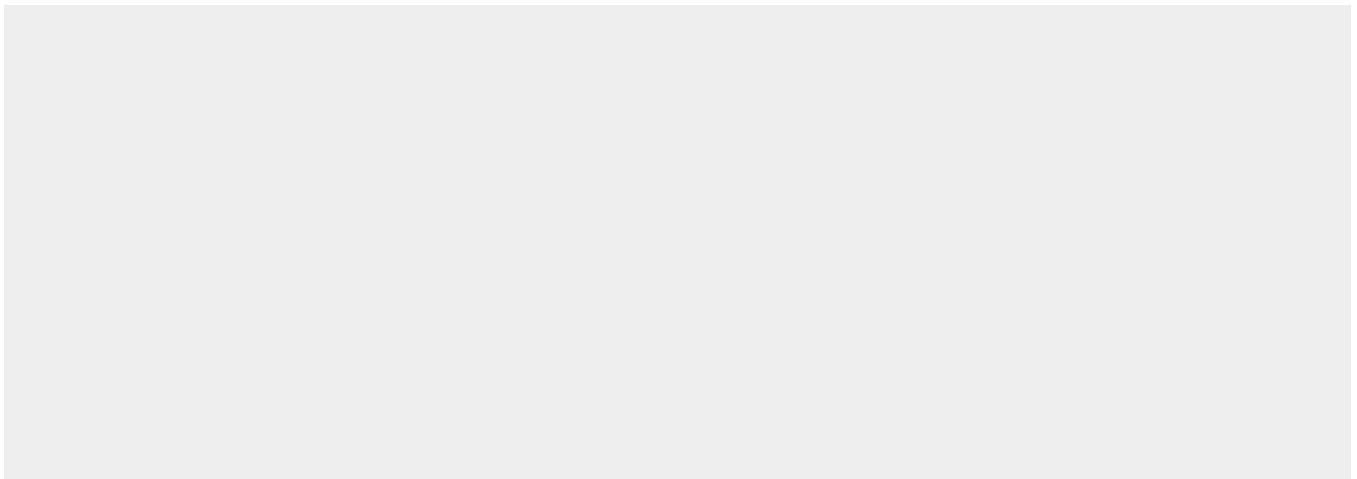
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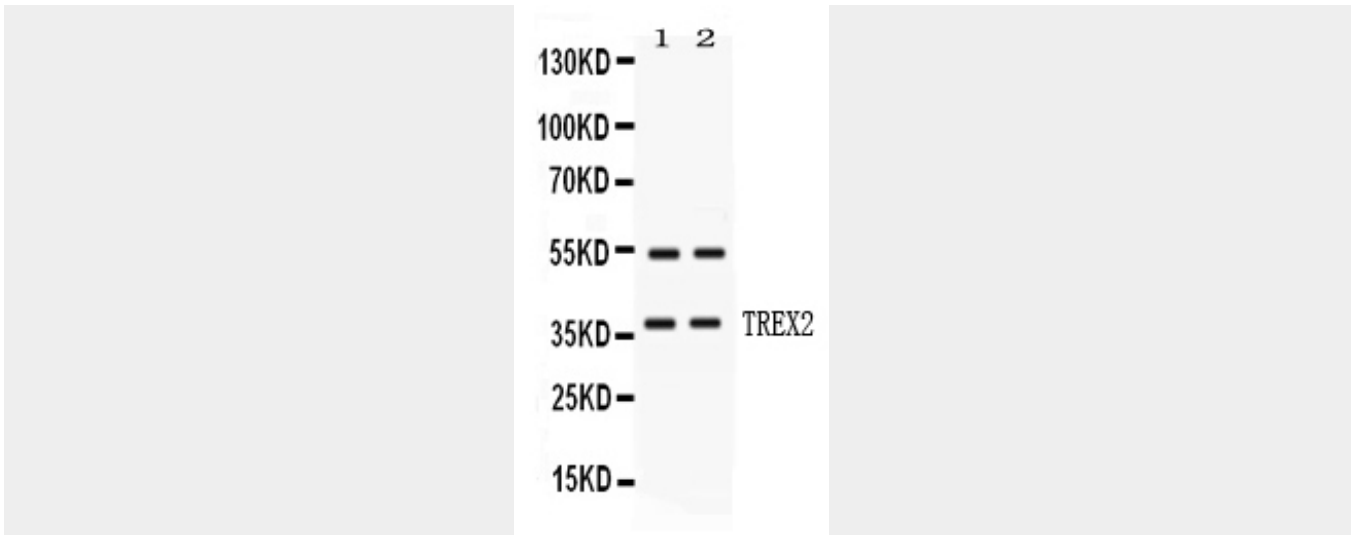
Anti-TREX2 Picoband Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-TREX2 Picoband Antibody - Images





Western blot analysis of TREX2 expression in HELA whole cell lysates (lane 1) and MCF-7 whole cell lysates (lane 2). TREX2 at 37KD was detected using rabbit anti- TREX2 Antigen Affinity purified polyclonal antibody (Catalog # ABO11723) at 0.5 µg/mL. The blot was developed using chemiluminescence (ECL) method .

Anti-TREX2 Picoband Antibody - Background

Three prime repair exonuclease 2 is an enzyme that in humans is encoded by the TREX2 gene. By genomic sequence analysis, the TREX2 gene is mapped to chromosome Xq28. This gene encodes a protein with 3' exonuclease activity. Enzymes with this activity are involved in DNA replication, repair, and recombination. Similarity to an E. coli protein suggests that this enzyme may be a subunit of DNA polymerase III, which does not have intrinsic exonuclease activity.