

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

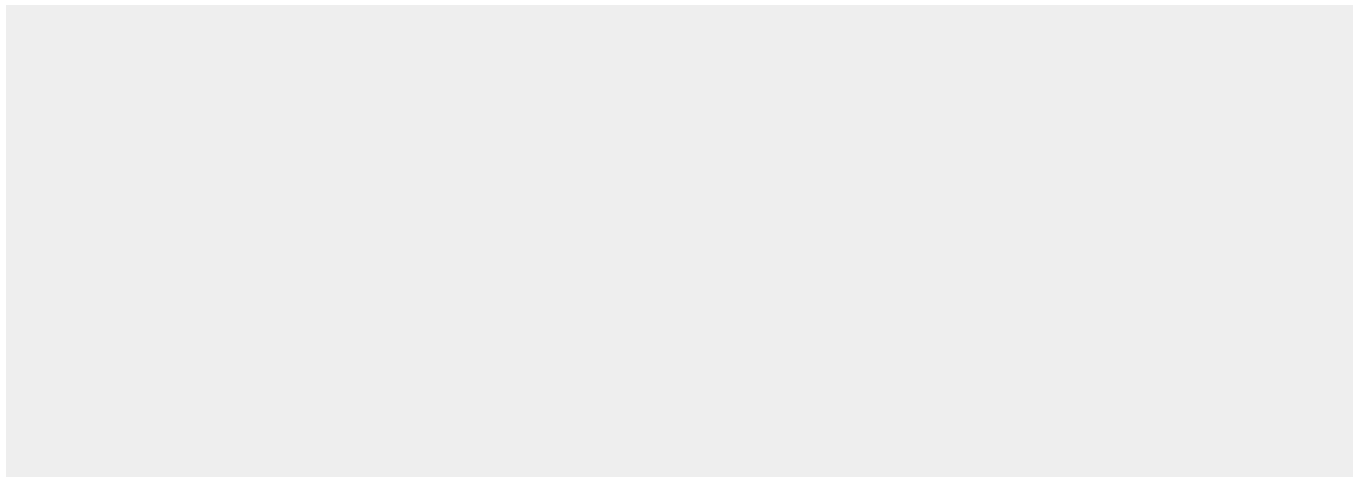
Detected in heart, breast, prostate, skeletal muscle, testis, uterus, bone marrow, colon, small intestine, stomach and thymus.

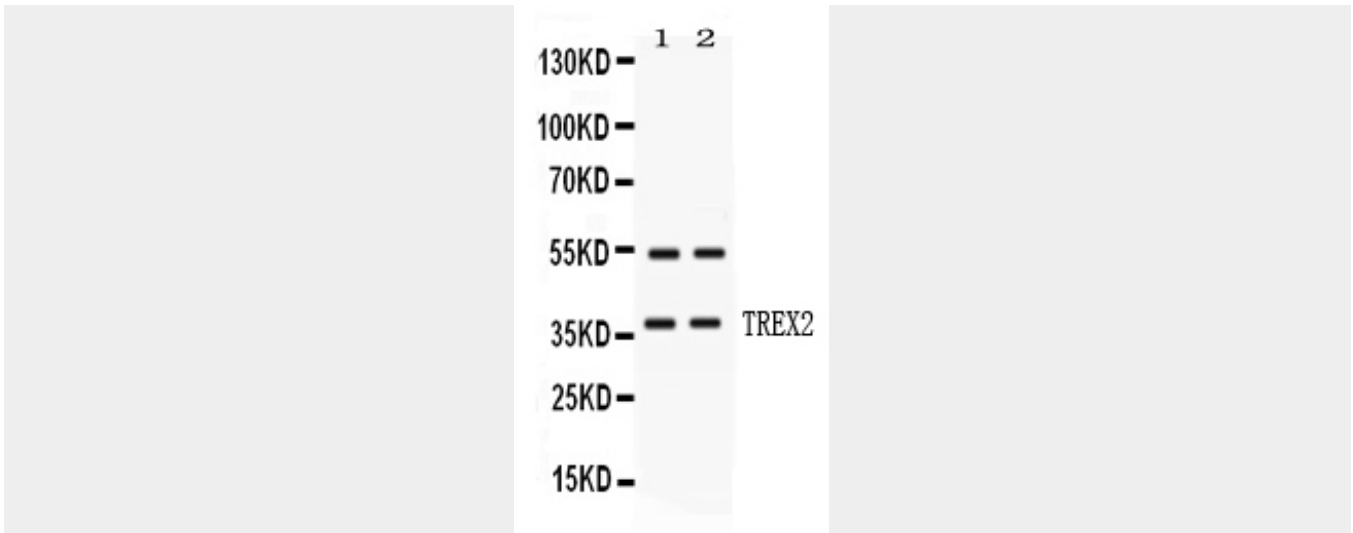
Anti-TREX2 Picoband Antibody - Protocols

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.