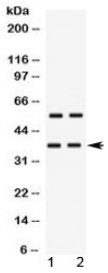
# TREX2 Antibody (R32573)

| Catalog No. | Formulation | Size |
|---|---|---|
| R32573 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity |
| **Buffer** | Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide |
| **UniProt** | Q9BQ50 |
| **Localization** | Nuclear |
| **Applications** | Western blot: 0.5-1ug/ml |
| **Limitations** | This TREX2 antibody is available for research use only. |




Western blot testing of human 1) HeLa and 2) MCF7 cell lysate with TREX2 antibody at 0.5ug/ml. Predicted molecular weight ~31/26 kDa (isoforms 1/2), observed here at ~37 kDa.

## Description

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.

## Application Notes

Differences in protocols and secondary/substrate sensitivity may require the TREX2 antibody to be titrated for optimal performance.

## Immunogen

Amino acids E69-A279 from the human protein were used as the immunogen for the TREX2 antibody.

## Storage

After reconstitution, the TREX2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.


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