

## TREX1 Antibody (R32336)

Catalog No.	Formulation	Size
R32336	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

### Bulk quote request

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
<b>UniProt</b>	Q9NSU2
<b>Applications</b>	Western Blot : 0.1-0.5ug/ml
<b>Limitations</b>	This TREX1 antibody is available for research use only.



Western blot testing of human SMMC cell lysate with TREX1 antibody.  
Expected/observed molecular weight ~39/32/33 kDa (isoforms 1/2/3).

## Description

Three prime repair exonuclease 1 is an enzyme that in humans is encoded by the TREX1 gene. This gene encodes a nuclear protein with 3' exonuclease activity. The encoded protein may play a role in DNA repair and serve as a proofreading function for DNA polymerase. It is also a component of the SET complex, and acts to rapidly degrade 3' ends of nicked DNA during granzyme A-mediated cell death. Mutations in this gene result in Aicardi-Goutieres syndrome, chilblain lupus, Cree encephalitis, and other diseases of the immune system. Alternative splicing results in multiple transcript variants.

## Application Notes

Optimal dilution of the TREX1 antibody should be determined by the researcher.

## Immunogen

Amino acids DDNLANLLLAFLRRQPQPWCLVAHNGDRYD of human TREX1 were used as the immunogen for the TREX1 antibody.

## Storage

After reconstitution, the TREX1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.