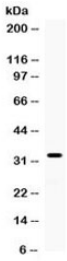
TREX1 Antibody (R32336)

Catalog No.	Formulation	Size
R32336	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	Q9NSU2
Applications	Western blot: 0.1-0.5ug/ml
Limitations	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.

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