

Product datasheet

Anti-TREX1 antibody ab67192

[1 References](#) [1 Image](#)

Overview

Product name	Anti-TREX1 antibody
Description	Mouse polyclonal to TREX1
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Full length protein, corresponding to amino acids 1-304 of Human TREX1

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: 1X PBS, pH 7.2
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab67192** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
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WB

Application notes	WB: 1/500 - 1/1000. Detects a band of approximately 36 kDa (predicted molecular weight: 39 kDa). Detection Antibody Pair. Not yet tested in other applications.
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Optimal dilutions/concentrations should be determined by the end user.

Target

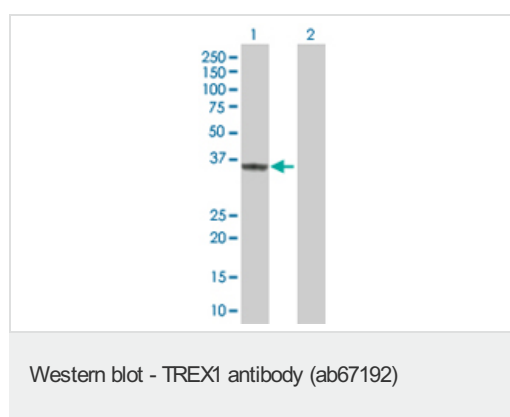
Relevance

TREX1 is the major 3'→5' DNA exonuclease in human cells. The protein is a non processive exonuclease that may serve a proofreading function for a human 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, and Cree encephalitis. Multiple transcript variants encoding different isoforms have been found for this gene.

Cellular localization

Nuclear

Images



All lanes : Anti-TREX1 antibody (ab67192) at 1/500 dilution

Lane 1 : TREX1 transfected 293T cell lysate

Lane 2 : Non transfected 293T cell lysate

Lysates/proteins at 25 µg/ml per lane.

Secondary

All lanes : Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/2500 dilution

Predicted band size: 39 kDa

Observed band size: 36 kDa

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