

Rabbit anti-Human, Mouse TREX1 Polyclonal Antibody | anti-TREX1 antibody

TREX1 Polyclonal Antibody

CATALOG # AAA280043	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Western Blot
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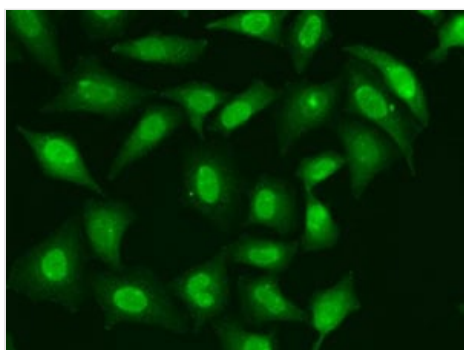
PRODUCT SYNONYMS

TREX1; Polyclonal Antibody; TREX1 Polyclonal Antibody; CRV; AGS1; DRN3; HERNS; anti-TREX1 antibody

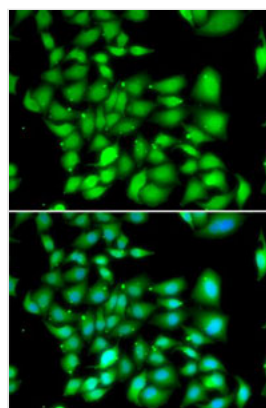
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Sequence Length	369
Applicable Applications for anti-TREX1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human TREX1(NP_057465.1).
Calculated MW	32kDa/33kDa/38kDa
Observed MW	37 kDa
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

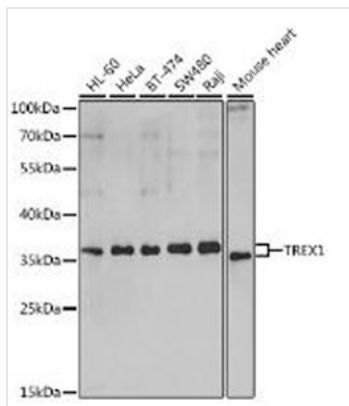
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using TREX1 antibody.


IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells using TREX1 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using TREX1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-TREX1 antibody	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. 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.
Product Categories/Family for anti-TREX1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	47606216
NCBI GeneID	11277
UniProt Accession #	Q9NSU2; Q8TEU2; Q9BPW1; Q9Y4X2; B2RCN9
Molecular Weight	369
NCBI Official Full Name	Three-prime repair exonuclease 1
NCBI Official Synonym Full Names	three prime repair exonuclease 1
NCBI Official Symbol	TREX1
NCBI Official Synonym Symbols	CRV; AGS1; DRN3; HERNS
NCBI Protein Information	three-prime repair exonuclease 1; DNase III; deoxyribonuclease III; 3' repair exonuclease 1; 3'-5' exonuclease TREX1
UniProt Protein Name	Three-prime repair exonuclease 1
UniProt Gene Name	TREX1
UniProt Entry Name	TREX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/polyclonal/trex1-antibody-immunofluorescence-western-blot-elisa/280043>