

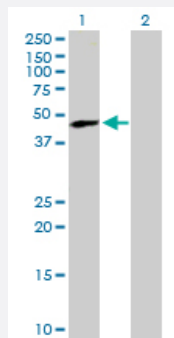
MaxPab®

TREX1 purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00011277-B02P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of TREX1 expression in transfected 293T cell line ([H00011277-T02](#)) by TREX1 MaxPab polyclonal antibody.

Lane 1: TREX1 transfected lysate(40.59 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human TREX1 protein.

Immunogen

TREX1 (NP_057465.1, 1 a.a. ~ 369 a.a) full-length human protein.

Sequence

MGPGARRQGRIVQGRPEMCFPPPTPLPPLRLTLGHTPTPCSSPGSAAGTYPTMGSQALPPG
PMQTLIFFDMEATGLPFSQPKVTELCLLAVHRCALSPPTSQGPPTVPPPPRVVDKLSLCVAP
GKACSPAASEITGLSTAVLAAHGRQCFFDNLNLLLAFLRRQPQPWCLVAHNGDRYDFLLQAE
LAMLGLTSALDGAFCVDSITALKALERASSPSEHGPRKSYSLSIYTRYGQSPPDSHTAEGDVLA
LLSICQWRPQALLRWVDAHARPFGTIRPMYGVTSARTKPRPSAVTTTAHLATTRNTSPSLGESR
GTKDLPPVKDPGALSREGLLAPLGLLAILLAVATLYGLSLATPGE

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (73); Rat (74)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — TREX1

Entrez GeneID [11277](#)

GeneBank Accession# [NM_016381](#)

Protein Accession# [NP_057465.1](#)

Gene Name TREX1

Gene Alias AGS1, AGS5, CRV, DKFZp434J0310, DRN3, HERNS

Gene Description three prime repair exonuclease 1

Omim ID [192315](#) [225750](#) [606609](#) [610448](#) [610905](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes 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. [provided by RefSeq]

Other Designations 3' repair exonuclease 1|OTTHUMP00000164813|deoxyribonuclease III, dnaQ/mutD-like

Disease

- [Adenocarcinoma](#)

- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Myositis](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)