

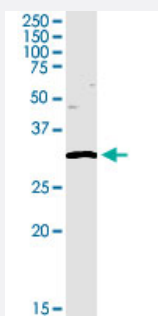
MaxPab®

TREX1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00011277-D01P

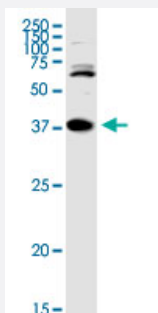
Size 100 ug

Applications



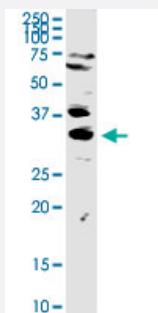
Western Blot (Tissue lysate)

TREX1 MaxPab rabbit polyclonal antibody. Western Blot analysis of TREX1 expression in human pancreas.



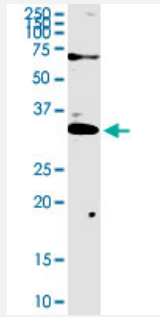
Western Blot (Cell lysate)

TREX1 MaxPab rabbit polyclonal antibody. Western Blot analysis of TREX1 expression in K-562.



Western Blot (Cell lysate)

TREX1 MaxPab rabbit polyclonal antibody. Western Blot analysis of TREX1 expression in Raw 264.7.



Western Blot (Cell lysate)

TREX1 MaxPab rabbit polyclonal antibody. Western Blot analysis of TREX1 expression in HeLa.

Specification

Product Description	Rabbit 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	MGP GARRQGRIVQGRPEMCFPPPTPLPPLRLTLGTHPTPCSSPGSAAGTYPTMGSQALPPG PMQTLIFFDMEATGLPFSQPKVTELCLLAVHRCALSPPTSQGPPTVPPPPRVVDKLSLCVAP GKACSPAASEITGLSTAVLAAHGRQCFDDNLANLLLAFLRRQPQPWCLVAHNGDRYDFPLLQAE LAMLGLTSALDGAFCVDSITALKALERASSPSEHGPRKSYSLGSIYTRYGQSPDSHTAEGDVL LLSICQWRPQALLRWVDAHARPFGTIRPMYGVTA SARTKPRPSAVTTTAHLATTRNTSPSLGESR GTKDLPPVKDPGALSREGLLAPLGLLAILTAVATLYGLSLATPGE
Host	Rabbit
Reactivity	Human, Mouse
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.

Applications

- Western Blot (Tissue lysate)

TREX1 MaxPab rabbit polyclonal antibody. Western Blot analysis of TREX1 expression in human pancreas.

[Protocol Download](#)

- Western Blot (Cell lysate)

TREX1 MaxPab rabbit polyclonal antibody. Western Blot analysis of TREX1 expression in K-562.

[Protocol Download](#)

- Western Blot (Cell lysate)

TREX1 MaxPab rabbit polyclonal antibody. Western Blot analysis of TREX1 expression in Raw 264.7.

[Protocol Download](#)

- Western Blot (Cell lysate)

TREX1 MaxPab rabbit polyclonal antibody. Western Blot analysis of TREX1 expression in HeLa.

[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, HERN5

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

Publication Reference

- [Human three prime exonuclease TREX1 is induced by genotoxic stress and involved in protection of glioma and melanoma cells to anticancer drugs.](#)

Tomicic MT, Aasland D, Nikolova T, Kaina B, Christmann M.

Biochimica et Biophysica Acta 2013 Aug; 1833(8):1832.

Application: IF, WB-Ce, WB-Tr, Human, VH10tert fibroblasts, LN229, D03, GM637 cells

- [Three prime exonuclease I \(TREX1\) is Fos/AP-1 regulated by genotoxic stress and protects against ultraviolet light and benzo\(a\)pyrene-induced DNA damage.](#)

Christmann M, Tomicic MT, Aasland D, Berdelle N, Kaina B.

Nucleic Acids Research 2010 Oct; 38(19):6418.

Application: IP, WB, Mouse, MEFs

Disease

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- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)