

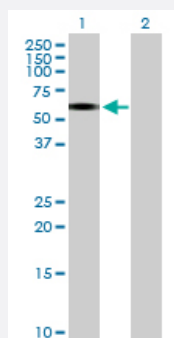
MaxPab®

ERCC6L purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00054821-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ERCC6L expression in transfected 293T cell line ([H00054821-T02](#)) by ERCC6L MaxPab polyclonal antibody.

Lane 1: ERCC6L transfected lysate(46.20 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ERCC6L protein.
Immunogen	ERCC6L (AAH08808.1, 1 a.a. ~ 419 a.a) full-length human protein.
Sequence	MEKSFATKNEAVQKETLQEGPKQEALQEDPLESFNVLSKSTKADIGPNLDQLKDDEILRHCNP WPIISITNESQNAESNVSIIEIADDLSASHSALQDAQASEAKLEEEPSASSPQYACDFNLFLEDSAD NRQNFSSQSLEHVEKENSLCGSAPNSRAGFVHSKTCLSWEFSEKDDPEEVVVKAKIRSKARRI VSDGEDEDDSFKDTSSINPFNTSLFQFSSVKQFDASTPKNDISPPGRFFSSQIPSSVNKSMNSRR SLASRRSLINMVLHDHVEDMEERLDDSSSEAKGPEDYPEEGVEESSGEASKYTEEDPSGETLSSN KSSWLMTSKPSALAQETSLGAPEPLSGEQLVGSPQDKAAEATNDYETLVKRGKELKECGKIQEA LNCLVKALDIKSADPEVMLLTLSLYKQLNNN
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (60); Rat (60)
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

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[Protocol Download](#)

Gene Info — ERCC6L

Entrez GeneID [54821](#)

GeneBank Accession# [BC008808.2](#)

Protein Accession# [AAH08808.1](#)

Gene Name ERCC6L

Gene Alias FLJ20105, MGC131695, PICH

Gene Description excision repair cross-complementing rodent repair deficiency, complementation group 6-like

Gene Ontology [Hyperlink](#)

Gene Summary O

Other Designations Plk1-interacting checkpoint helicase|SNF2/RAD54 family protein|excision repair cross-complementing rodent repair deficiency complementation group 6 - like|excision repair protein ERCC6-like

Publication Reference

- [Cytidine deaminase deficiency in tumor cells is associated with sensitivity to a naphthol derivative and a decrease in oncometabolite levels.](#)

Hamza Mameri, Géraldine Buhagiar-Labarchède, Gaëlle Fontaine, Céline Corcelle, Caroline Barette, Rosine Onclercq-Delic, Claire Beauvineau, Florence Mahuteau-Betzer, Mounira Amor-Guérét.

Cellular and Molecular Life Sciences : CMLS 2022 Aug; 79(8):465.

Application: IF

- [Identification and Analysis of Different Types of UFBs.](#)

Simon Gemble, Mounira Amor-Gu  ret.

Methods in Molecular Biology (Clifton, N.J.) 2020 Aug; 2153:187.

Application: IF, Human, Human adherent cell

- [A decrease in NAMPT activity impairs basal PARP-1 activity in cytidine deaminase deficient-cells, independently of NAD+.](#)

Sandra Cunha Silveira, G  raldine Buhagiar-Labarch  de, Rosine Onclercq-Delic, Simon Gemble, Elias Bou Samra, Hamza Mameri, Patricia Duchambon, Christelle Machon, J  r  me Guitton, Mounira Amor-Gu  ret.

Scientific Reports 2020 Aug; 10(1):13907.

Application: IF, Human, HeLa cells

- [Topoisomerase II   Prevents Ultrafine Anaphase Bridges by Two Mechanisms.](#)

Simon Gemble, G  raldine Buhagiar-Labarch  de, Rosine Onclercq-Delic, Ga  lle Fontaine, Sarah Lambert, Mounira Amor-Gu  ret.

Open Biology 2020 May; 10(5):190259.

Application: IF, Human, HeLa cells

- [Chromosome alignment maintenance requires the MAP RECQL4, mutated in the Rothmund-Thomson syndrome.](#)

Yokoyama H, Moreno-Andres D, Astrinidis SA, Hao Y, Weberruss M, Schellhaus AK, Lue H, Haramoto Y, Gruss OJ, Antonin W.

Life Science Alliance 2019 Feb; 2(1): e20180012.

Application: IF, Human, HeLa cells

- [53BP1 can limit sister-chromatid rupture and rearrangements driven by a distinct ultrafine DNA bridging-breakage process.](#)

Tiwari A, Addis Jones O, Chan KL.

Nature Communications 2018 Feb; 9:677.

Application: IF, Human, HeLa, U2OS, Saos-2 Cells

- [A role for Tau protein in maintaining ribosomal DNA stability and cytidine deaminase-deficient cell survival.](#)

Bou Samra E, Buhagiar-Labarch  de G, Machon C, Guitton J, Onclercq-Delic R, Green MR, Alibert O, Gazin C, Veaute X, Amor-Gu  ret M.

Nature Communications 2017 Sep; 8(1):693.

Application: IF, Human, HeLa cells

- [A balanced pyrimidine pool is required for optimal Chk1 activation to prevent ultrafine anaphase bridge formation.](#)

Gemble S, Buhagiar-Labarchede G, Onclercq-Delic R, Biard D, Lambert S, Amor-Gueret M.

Journal of Cell Science 2016 Aug; 129(16):3167.

Application: IF, Human, HeLa cells

- [PTEN stabilizes TOP2A and regulates the DNA decatenation.](#)

Kang X, Song C, Du X, Zhang C, Liu Y, Liang L, He J, Lamb K, Shen WH, Yin Y.

Scientific Reports 2015 Dec; 5:17873.

Application: IF, Human, Anaphase cells

- [A concomitant loss of dormant origins and FANCC exacerbates genome instability by impairing DNA replication fork progression.](#)

Luebben SW, Kawabata T, Johnson CS, O'Sullivan MG, Shima N.

Nucleic Acids Research 2014 May; 42(9):5605.

Application: IS, Mouse, Embryonic fibroblasts

- [RING finger nuclear factor RNF168 is important for defects in homologous recombination caused by loss of the breast cancer susceptibility factor BRCA1.](#)

Muñoz MC, Laulier C, Gunn A, Cheng A, Robbiani DF, Nussenzweig A, Stark JM.

The Journal of Biological Chemistry 2012 Nov; 287(48):40618.

Application: IF, Human, U2OS cells

- [Bloom's syndrome and PICH helicases cooperate with topoisomerase IIα in centromere disjunction before anaphase.](#)

Rouzeau S, Cordelières FP, Buhagiar-Labarchède G, Hurbain I, Onclercq-Delic R, Gemble S, Magnaghi-Jaulin L, Jaulin C, Amor-Guérét M.

PLoS One 2012 Apr; 7(4):e33905.

Application: IF, WB, Human, BLM cells

- [The relative efficiency of homology-directed repair has distinct effects on proper anaphase chromosome separation.](#)

Laulier C, Cheng A, Stark JM.

Nucleic Acids Res 2011 Mar; 39:5935.

Application: IF, Mouse, mES cells