

Product Datasheet

ERCC6L Antibody - Azide and BSA Free H00054821-D01P

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00054821-D01P

ERCC6L Antibody - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

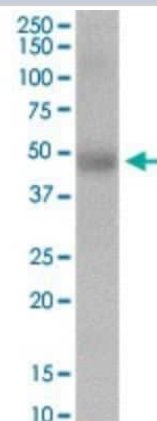
Product Description	
Description	Novus Biologicals Rabbit ERCC6L Antibody - Azide and BSA Free (H00054821-D01P) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-ERCC6L Antibody: Cited in 11 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	54821
Gene Symbol	ERCC6L
Species	Human, Mouse
Specificity/Sensitivity	ERCC6L - excision repair cross-complementing rodent repair deficiency, complementation group 6-like,
Immunogen	ERCC6L (AAH08808.1, 1 a.a. - 419 a.a.) full-length human protein. MEKSFATKNEAVQKETLQEGPKQEALQEDPLESFNYVLSKSTKADIGPNLDQL KDDEILRHCHNPWPIISITNESQNAESNVSIIEIADDLSASHSALQDAQASEAKLEE EPSASSPQYACDFNLFLEDSADNRQNFSSQSLEHVEKENSLCGSAPNSRAGF VHSKTCLSWEFSEKDDEPEEVVVKAKIRSKARRIVSDGEDEDDSFKDTSSINPF NTSLFQFSSVKQFDASTPKNDISPPGRFFSSQIPSSVNKSMNSRRSLASRRSLI NMVLHDHVEDMEERLDDSSSEAKGPEDYPEEGVEESSGEASKYTEEDPSGETLS SENKSSWLMTSKPSALAQETSLGAPEPLSGEQLVGSPQDKAAEATNDYETLVK RGKELKECGKIQEALNCLVKALDIKSADPEVMLLTLSLYKQLNNN
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactive against Recombinant Protein with GST tag on ELISA and Western Blot and also on transfected lysate in western blot. GST tag alone is used as a negative control. This antibody may also be useful in Immunofluorescence, as per a customer product review. Immunocytochemistry/Immunofluorescence was reported in scientific literature. Use in Immunohistochemistry reported in scientific literature (PMID 24589582)

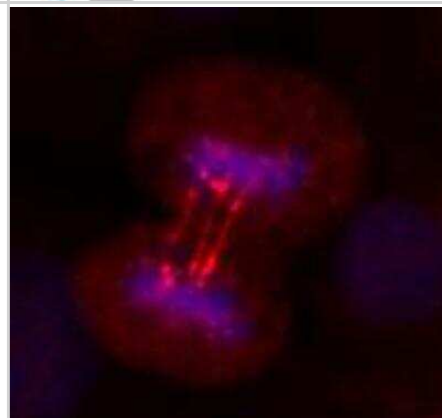


Images

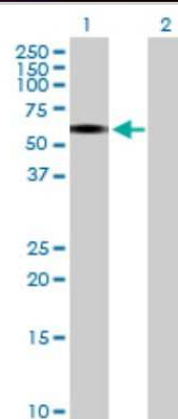
Western Blot: ERCC6L Antibody [H00054821-D01P] - Analysis of ERCC6L expression in human colon.



Immunocytochemistry/Immunofluorescence: ERCC6L Antibody [H00054821-D01P] - IF analysis of ERCC6L in mouse and human cell lines. Image courtesy of product review submitted by Corentin Laulier.



Western Blot: ERCC6L Antibody [H00054821-D01P] - Analysis of ERCC6L expression in transfected 293T cell line by ERCC6L polyclonal antibody. Lane 1: ERCC6L transfected lysate (46.20 kDa). Lane 2: Non-transfected lysate.



Publications

Hamza M, Geraldine B, Gaelle F et al. Cytidine deaminase deficiency in tumor cells is associated with sensitivity to a naphthol derivative and a decrease in oncometabolite levels. *Cell Mol Life Sci.* 2022-08-04 [PMID: 35925417]

Sandra S, Geraldine B, Rosine O et al. A decrease in NAMPT activity impairs basal PARP-1 activity in cytidine deaminase deficient-cells, independently of NAD⁺. *Sci Rep.* 2020-08-17 [PMID: 32807821]

Yokoyama H, Moreno-Andres D, Astrinidis SA et al. Chromosome alignment maintenance requires the MAP RECQL4, mutated in the Rothmund-Thomson syndrome. *Life Sci Alliance.* 2019-02-04 [PMID: 30718377]

Bou Samra E, Buhagiar-Labarchede G, Machon C et al. A role for Tau protein in maintaining ribosomal DNA stability and cytidine deaminase-deficient cell survival. *Nat Commun* 2017-09-25 [PMID: 28947735]

Tiwari A, Addis Jones O, Chan KL. et al. 53BP1 can limit sister-chromatid rupture and rearrangements driven by a distinct ultrafine DNA bridging-breakage process. *Nat Commun* 2018-02-14 [PMID: 29445165]

Gemble S, Buhagiar-Labarchede G, Onclercq-Delic R et al. A balanced pyrimidine pool is required for optimal Chk1 activation to prevent ultrafine anaphase bridge formation. *J Cell Sci* 2016-07-06 [PMID: 27383768]

Kang X, Song C, Du X et al. PTEN stabilizes TOP2A and regulates the DNA decatenation. *Sci Rep* 2015-12-10 [PMID: 26657567]

Rouzeau S, Cordelieres FP, Buhagiar-Labarchede G et al. Blooms Syndrome and PICH Helicases Cooperate with Topoisomerase IIalpha in Centromere Disjunction before Anaphase. *PLoS One.* 2012-04-26 [PMID: 22563370]

Munoz MC, Laulier C, Gunn A et al. RING finger nuclear factor RNF168 is important for defects in homologous recombination caused by loss of the breast cancer susceptibility factor BRCA1. *J Biol Chem.* 2012-11-23 [PMID: 23055523] (WB, Human)

Luebben Spencer W, Kawabata Tsuyoshi, Johnson Charles S et al. A concomitant loss of dormant origins and FANCC exacerbates genome instability by impairing DNA replication fork progression. *Nucleic Acids Res.* 2014-03-03 [PMID: 24589582] (IF/IHC, Mouse)

Laulier C, Cheng A, Stark JM. The relative efficiency of homology-directed repair has distinct effects on proper anaphase chromosome separation *Nucleic Acids Res* 2011-08-01 [PMID: 21459848] (ICC/IF, Mouse, Human)





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Products Related to H00054821-D01P

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00054821-P01-10ug	Recombinant Human ERCC6L GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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