

Rabbit anti-Human, Mouse ERCC1 Polyclonal Antibody | anti-ERCC1 antibody

ERCC1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306891	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

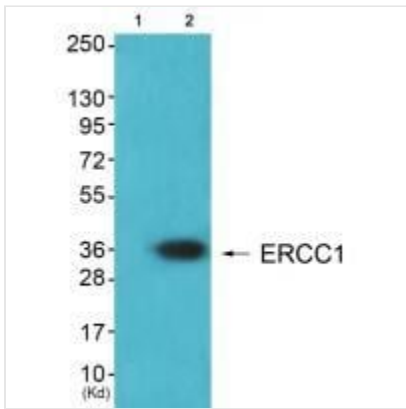
PRODUCT SYNONYMS

ERCC1; Polyclonal Antibody; ERCC1 Antibody; UV20; DNA REPAIR DEFECT UV-20 OF CHINESE HAMSTER OVARY CELLS; COMPLEMENTATION OF EXCISION-REPAIR; COMPLEMENTING DEFECTIVE IN CHINESE HAMSTER; excision repair cross-complementing 1 isoform 1; anti-ERCC1 antibody

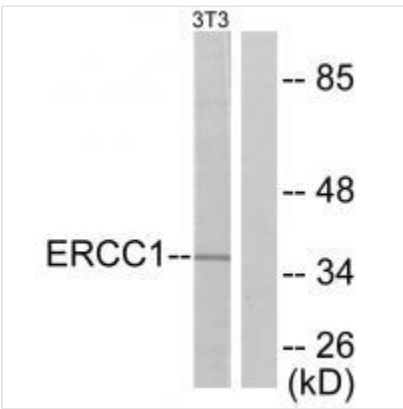
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total ERCC1 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	273
Applicable Applications for anti-ERCC1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human ERCC1.
Target Name	ERCC1
Preparation and Storage	Store at -20 degree C

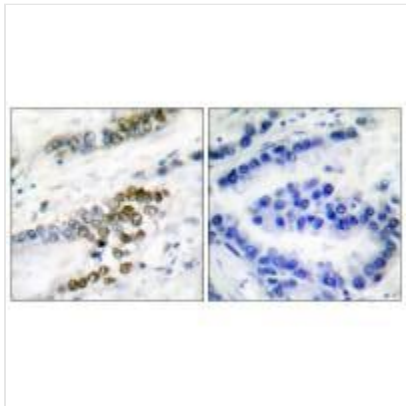
IMAGES



WB (Western Blot)
Western blot analysis of extracts from Hela cells (Lane 2), using ERCC1 antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)
Western blot analysis of extracts from NIH/3T3 cells, using ERCC1 antibody.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using ERCC1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ERCC1 antibody	Isoform 1:Non-catalytic component of a structure-specific DNA repair endonuclease responsible for the 5'-incision during DNA repair. Responsible, in conjunction with SLX4, for the first step in the repair of interstrand cross-links (ICL). Participates in the processing of anaphase bridge-generating DNA structures, which consist in incompletely processed DNA lesions arising during S or G2 phase, and can result in cytokinesis failure. Also required for homology-directed repair (HDR) of DNA double-strand breaks, in conjunction with SLX4.Kan-Tai Hsia, Development, Jan 2003; 130: 369.Jim Selfridge, Nucleic Acids Res., Nov 2001; 29: 4541 - 4550.Cha-Kyung Youn, Cancer Res., Jul 2004; 64: 4849 - 4857.Teresa A. Motycka, J. Biol. Chem., Apr 2004; 279: 13634 - 13639.
Product Categories/Family for anti-ERCC1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	260593725
NCBI GeneID	2067
NCBI Accession #	NP_001159521.1
NCBI GenBank Nucleotide #	NM_001166049.1
UniProt Accession #	P07992; Q7Z7F5; Q96S40; B2RC01; B3KRR0
Molecular Weight	25,211 Da

NCBI Official Full Name	DNA excision repair protein ERCC-1 isoform 3
NCBI Official Synonym Full Names	excision repair cross-complementation group 1
NCBI Official Symbol	ERCC1
NCBI Official Synonym Symbols	UV20; COFS4; RAD10
NCBI Protein Information	DNA excision repair protein ERCC-1
UniProt Protein Name	DNA excision repair protein ERCC-1
UniProt Gene Name	ERCC1
UniProt Entry Name	ERCC1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ercc1-antibody-immunohistochemistry-western-blot-elisa/306891>