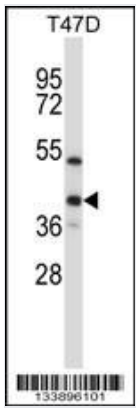
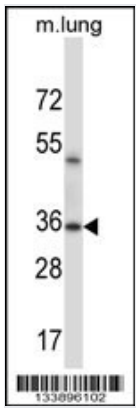
ERCC1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ERCC1, Polyclonal Antibody
Full Product Name	ERCC1, CT (ERCC1, DNA excision repair protein ERCC-1)
Product Gene Name	anti-Ercc1 antibody
Product Synonym Names	Anti -ERCC1, CT (ERCC1, DNA excision repair protein ERCC-1)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Human, mouse
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Chromosome Location	Chromosome: 2R; NT_033778.3 (10740470..10741453). Location: 51C5-51C5
Immunogen	ERCC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 267-297 amino acids from the C-terminal region of human ERCC1.
Product Categories/Family for anti-Ercc1 antibody	Antibodies; Abs to DNA Replication; Repair
Applications Tested/Suitable for anti-Ercc1 antibody	ELISA (EL/EIA), Western Blot (WB)
Application Notes for anti-Ercc1 antibody	Suitable for use in Western Blot, ELISA Dilution: ELISA: 1:1,000 Western Blot: 1:100-500
Related Product Information for anti-Ercc1 antibody	The product of this gene functions in the nucleotide excision repair pathway, and is required for the repair of DNA lesions such as those induced by UV light or formed by electrophilic compounds including cisplatin. The encoded protein forms a heterodimer with the XPF endonuclease (also known as ERCC4), and the heterodimeric endonuclease catalyzes the 5' incision in the process of excising the DNA lesion. The heterodimeric endonuclease is also involved in recombinational DNA repair and in the repair of inter-strand crosslinks. Mutations in this gene result in cerebrooculofacioskeletal syndrome, and polymorphisms that alter expression of this gene may play a role in carcinogenesis. Multiple transcript variants encoding different isoforms have been found for this gene. The last exon of this gene overlaps with the CD3e molecule, epsilon associated protein gene on the opposite strand.
Other Notes	Small volumes of anti-Ercc1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Ercc1 purchase	MBS6000022 is an antibody targeting Ercc1. Also known as ERCC1, CT (ERCC1, DNA excision repair protein ERCC-1). Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-Ercc1 antibody
ERCC1 Antibody (C-term) western blot analysis in T47D cell line lysates (35ug/lane).This demonstrates the ERCC1 antibody detected the ERCC1 protein (arrow).



Western Blot (WB) of anti-Ercc1 antibody
ERCC1 Antibody (C-term) western blot analysis in mouse lung tissue lysates (35ug/lane).This demonstrates the ERCC1 antibody detected the ERCC1 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Ercc1. It may not necessarily be applicable to this product.

NCBI GI #	17137732
NCBI GeneID	36654
NCBI Accession #	NP_477468.1
UniProt Related Accession #	Q9Y0X3
GenBank Nucleotide #	NM_058120.2
NCBI Official Full Name	Ercc1
NCBI Official Symbol	Ercc1
NCBI Official Synonym Symbols	CG10215; DmelCG10215; ERCC1
Protein Family	DNA excision repair protein
NCBI Protein Information	CG10215 gene product from transcript CG10215-RA; CG10215-PA; Ercc1; Ercc1-PA
Research Articles on Ercc1	**1.** HDM, MEI-9, MUS312, and ERCC1 form a complex that resolves meiotic recombination intermediates into crossovers.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-antibody/ercc1/6000022