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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	ARP55941_P050-FITC
Product Page	www.avivasysbio.com/ercc1-antibody-n-terminal-region-fitc-arp55941-p050-fitc.html
Name	ERCC1 Antibody - N-terminal region : FITC (ARP55941_P050-FITC)
Protein Size (# AA)	213 amino acids
Molecular Weight	23kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	2067
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	excision repair cross-complementation group 1
Alias Symbols	UV20, COFS4, RAD10
Peptide Sequence	Synthetic peptide located within the following region: TVDTSAQAAPQTYAEYAIQSPLGAGATCPTGSEPLAGETPNQALKPGAK
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	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.
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-ERCC1 (ARP55941_P050-FITC) antibody
Blocking Peptide	For anti-ERCC1 (ARP55941_P050-FITC) antibody is Catalog # AAP55941
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of human ERCC1
Uniprot ID	P07992
Protein Name	DNA excision repair protein ERCC-1
Protein Accession #	NP_001159521.1
Purification	Affinity Purified
Nucleotide Accession #	NM_001166049.1
Gene Symbol	ERCC1
Predicted Species Reactivity	Human, Mouse, Rat, Dog, Guinea Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Dog: 86%; Guinea Pig: 79%; Human: 100%; Mouse: 85%; Rabbit: 79%; Rat: 79%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com