



# SZABO SCANDIC

Part of Europa Biosite

## 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

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<b>Product Number</b>	ARP55941_P050-Biotin
<b>Product Page</b>	<a href="http://www.avivasysbio.com/ercc1-antibody-n-terminal-region-biotin-arp55941-p050-biotin.html">www.avivasysbio.com/ercc1-antibody-n-terminal-region-biotin-arp55941-p050-biotin.html</a>
<b>Name</b>	ERCC1 Antibody - N-terminal region : Biotin (ARP55941_P050-Biotin)
<b>Protein Size (# AA)</b>	213 amino acids
<b>Molecular Weight</b>	23kDa
<b>Conjugation</b>	Biotin
<b>NCBI Gene Id</b>	2067
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	0.5 mg/ml
<b>Gene Full Name</b>	excision repair cross-complementation group 1
<b>Alias Symbols</b>	UV20, COFS4, RAD10
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">TVDTSAQAAPQTYAEYAIISQPLEGAGATCPTGSEPLAGETPNQALKPGAK</a>
<b>Product Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer.
<b>Description of Target</b>	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.
<b>Reconstitution and Storage</b>	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.
<b>Datasheets/Manuals</b>	Printable datasheet for <a href="#">anti-ERCC1 (ARP55941_P050-Biotin) antibody</a>
<b>Blocking Peptide</b>	For anti-ERCC1 (ARP55941_P050-Biotin) antibody is <a href="#">Catalog# AAP55941</a>
<b>Immunogen</b>	The immunogen is a synthetic peptide directed towards the N-terminal region of human ERCC1
<b>Uniprot ID</b>	<a href="#">P07992</a>
<b>Protein Name</b>	DNA excision repair protein ERCC-1
<b>Protein Accession #</b>	<a href="#">NP_001159521.1</a>
<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_001166049.1</a>
<b>Gene Symbol</b>	<a href="#">ERCC1</a>
<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Dog, Guinea Pig, Rabbit
<b>Application</b>	WB
<b>Predicted Homology Based on Immunogen Sequence</b>	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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