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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54288_P050-FITC
Product Page	www.avivasysbio.com/ercc5-antibody-n-terminal-region-fitc-arp54288-p050-fitc.html
Name	ERCC5 Antibody - N-terminal region : FITC (ARP54288_P050-FITC)
Protein Size (# AA)	1180 amino acids
Molecular Weight	130kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	2073
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	excision repair cross-complementing rodent repair deficiency, complementation group 5
Alias Symbols	XPG, UVDR, XPGC, COFS3, ERCM2, ERCC5-201
Peptide Sequence	Synthetic peptide located within the following region: HSGHIRRQYEDEGGFLKEVESRRVSEDTSHYILIKGIQAKTVAEVDSES
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	This gene encodes a single-strand specific DNA endonuclease that makes the 3' incision in DNA excision repair following UV-induced damage. The protein may also function in other cellular processes, including RNA polymerase II transcription, and transcription-coupled DNA repair. Mutations in this gene cause xeroderma pigmentosum complementation group G (XP-G), which is also referred to as xeroderma pigmentosum VII (XP7), a skin disorder characterized by hypersensitivity to UV light and increased susceptibility for skin cancer development following UV exposure. Some patients also develop Cockayne syndrome, which is characterized by severe growth defects, mental retardation, and cachexia. Read-through transcription exists between this gene and the neighboring upstream BIVM (basic, immunoglobulin-like variable motif containing) gene.
Protein Interactions	UBC; CDK7; GTF2H1; POLR2A; EWSR1; ERCC6; SUMO2; PIDD1; BCL6; TAF10; ERCC3; NTHL1; GTF2H4; PCNA; ERCC2;
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-ERCC5 (ARP54288_P050-FITC) antibody
Blocking Peptide	For anti-ERCC5 (ARP54288_P050-FITC) antibody is Catalog # AAP54288
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human ERCC5
Uniprot ID	P28715
Protein Name	DNA repair protein complementing XP-G cells
Purification	Affinity Purified
Gene Symbol	ERCC5
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%

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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