

## Product datasheet for **TA344282**

### ERCC8 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-ERCC8 antibody: synthetic peptide directed towards the middle region of human ERCC8. Synthetic peptide located within the following region: FQELYSGSRDCNILAWVPSLYEVPDDDETTTKSQLNPAFEDAWSSSDEE
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	44 kDa
Gene Name:	ERCC excision repair 8, CSA ubiquitin ligase complex subunit
Database Link:	<a href="#">NP_000073</a> <a href="#">Entrez Gene 1161 Human</a> <a href="#">Q13216</a>



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<b>Background:</b>	ERCC8 is a WD repeat protein, which interacts with Cockayne syndrome type B (CSB) protein and with p44 protein, a subunit of the RNA polymerase II transcription factor IIH. Mutations in this gene have been identified in patients with hereditary disease Cockayne syndrome (CS). This gene encodes a WD repeat protein, which interacts with Cockayne syndrome type B (CSB) protein and with p44 protein, a subunit of the RNA polymerase II transcription factor IIH. Mutations in this gene have been identified in patients with hereditary disease Cockayne syndrome (CS). CS cells are abnormally sensitive to ultraviolet radiation and are defective in the repair of transcriptionally active genes.
<b>Synonyms:</b>	CKN1; CSA; UVSS2
<b>Note:</b>	Immunogen Sequence Homology:
<b>Protein Families:</b>	Druggable Genome, Transcription Factors
<b>Protein Pathways:</b>	Nucleotide excision repair, Ubiquitin mediated proteolysis

**Product images:**

WB Suggested Anti-ERCC8 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: HepG2 cell lysate ERCC8 is supported by BioGPS gene expression data to be expressed in HepG2