

Rabbit anti-Human, mouse ERCC8 Polyclonal Antibody | anti-ERCC8 antibody

ERCC8 Antibody (Center)

CATALOG # AAA286799	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

ERCC8; Polyclonal Antibody; ERCC8 Antibody (Center); DNA excision repair protein ERCC-8; Cockayne syndrome WD repeat protein CSA; KKN1; CSA; anti-ERCC8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ERCC8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 210-238 amino acids from the Central region of human ERCC8.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	210-238
Sequence Length	205
Applicable Applications for anti-ERCC8 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

ERCC8 antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ERCC8 antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

ERCC8 Antibody (Center) western blot analysis in mouse spleen tissue lysates (35ug/lane). This demonstrates the ERCC8 antibody detected the ERCC8 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ERCC8 antibody	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.
References	Briggs, F.B., et al. Am. J. Epidemiol. 172(2):217-224(2010) Guillem, V.M., et al. Am. J. Hematol. 85(7):482-486(2010) Monsees, G.M., et al. Breast Cancer Res. Treat. (2010) In press : Kamenisch, Y., et al. J. Exp. Med. 207(2):379-390(2010) Laugel, V., et al. Hum. Mutat. 31(2):113-126(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557467
NCBI GeneID	1161
NCBI Accession #	NP_000073.1
NCBI GenBank Nucleotide #	NM_000082.3
UniProt Accession #	Q13216 ; Q6FHX5 ; Q96GB9 ; B2RB64
Molecular Weight	44055
NCBI Official Full Name	DNA excision repair protein ERCC-8 isoform 1
NCBI Official Synonym Full Names	excision repair cross-complementation group 8
NCBI Official Symbol	ERCC8
NCBI Official Synonym Symbols	CSA; CKN1; UVSS2
NCBI Protein Information	DNA excision repair protein ERCC-8
UniProt Protein Name	DNA excision repair protein ERCC-8
UniProt Gene Name	ERCC8
UniProt Synonym Gene Names	CKN1; CSA
UniProt Entry Name	ERCC8_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ercc8-antibody-immunohistochemistry-western-blot-elisa/286799>