Elabscience®

ERCC6 Polyclonal Antibody

catalog number: E-AB-91996

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human ERCC6
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.
Applications	Recommended Dilution

WB	1:500-1:2000
IHC	1:50-1:200

Data



70kDa-Western blot analysis of extracts of various cell lines using

ERCC6 Polyclonal Antibody at 1:1000 dilution.

Observed-MW:168 kDa

Calculated-MW:168 kDa



Western blot analysis of extracts of various cell lines using

250kC 150kDa

100kDa

ERCC6 Polyclonal Antibody at 1:1000 dilution.

Observed-MW:168 kDa



Immunohistochemistry of paraffin-embedded human colon carcinoma using ERCC6 Polyclonal Antibody at dilution of using ERCC6 Polyclonal Antibody at dilution of 1:100 (40x 1:100 (40x lens).Perform microwave antigen retrieval with 10 lens).Perform microwave antigen retrieval with 10 mM PBS mM PBS buffer pH 7.2 before commencing with IHC

staining protocol.

Immunohistochemistry of paraffin-embedded human tonsil buffer pH 7.2 before commencing with IHC staining

protocol.

Preparation & Storage	
Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the
	temperature recommended.

Background

For Research Use Only

Toll-free: 1-888-852-8623 Web:www.elabscience.com

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This gene encodes a DNA-binding protein that is important in transcription-coupled excision repair. The encoded protein has ATP-stimulated ATPase activity, interacts with several transcription and excision repair proteins, and may promote complex formation at DNA repair sites. Mutations in this gene are associated with Cockayne syndrome type B and cerebrooculofacioskeletal syndrome 1. Alternative splicing occurs between a splice site from exon 5 of this gene to the 3' splice site upstream of the open reading frame (ORF) of the adjacent gene, piggyback-derived-3 (GeneID:267004), which activates the alternative polyadenylation site downstream of the piggyback-derived-3 ORF. The resulting transcripts encode a fusion protein that shares sequence with the product of each individual gene.

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