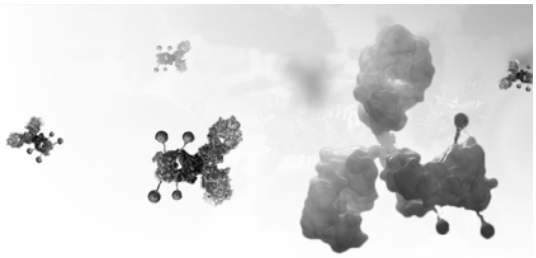

Mouse anti-Human ERCC6 polyclonal antibody (DPAB-DC888)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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. Naturally-occurring readthrough transcription occurs between this gene and the adjacent PGBD3 gene (GeneID:267004), and results in a fusion protein that shares sequence with the product of each individual gene. The readthrough locus is represented by GeneID:101243544.
Immunogen	ERCC6 (NP_000115, 1394 a.a. ~ 1493 a.a) partial recombinant protein with GST tag. The sequence is RARNHLILPERLESESGHLQEASALLPTTEHDDLLVEMRNFIAFQAHTDGQASTREILQE FESKLSASQSCVFRELLRNLCTFHRTSGGEGIWKLKPEYC
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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GENE INFORMATION

Gene Name	ERCC6 excision repair cross-complementation group 6 [Homo sapiens (human)]
Official Symbol	ERCC6
Synonyms	ERCC6; excision repair cross-complementation group 6; CSB; CKN2; COFS; ARMD5; COFS1; RAD26; UVSS1; DNA excision repair protein ERCC-6; ATP-dependent helicase ERCC6; cockayne syndrome protein CSB; Cockayne syndrome group B protein; excision repair cross-complementing rodent repair deficiency, complementation group 6;
Entrez Gene ID	2074
Protein Refseq	NP_000115
UniProt ID	Q03468
Chromosome Location	10q11.23
Pathway	DNA Repair; Formation of transcription-coupled NER (TC-NER) repair complex; Nucleotide Excision Repair; Nucleotide excision repair
Function	ATP binding; DNA binding; NOT DNA helicase activity; DNA-dependent ATPase activity

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