



Mouse anti-Human ERCC3 polyclonal antibody (DPAB-DC886)

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

PRODUCT INFORMATION

Antigen Description	ERCC3 is an ATP-dependent DNA helicase that functions in nucleotide excision repair and complements xeroderma pigmentosum group B mutations. It also is the 89 kDa subunit of basal transcription factor 2 (TFIIH) and thus functions in class II transcription.
Immunogen	ERCC3 (AAH08820, 29 a.a. ~ 128 a.a) partial recombinant protein with GST tag. The sequence is APGNDPQEAVPSAAGKQVDESGTKVDEYGAKDYRLQMPLKDDHTSRPLWVAPDGHIFLEA FSPVYKYAQDFLVAIAEPVCRPTHVHEYKLTAYSLYAAVS
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.

GENE INFORMATION

Gene Name [ERCC3 excision repair cross-complementation group 3 \[Homo sapiens \(human\) \]](#)

Official Symbol	ERCC3
Synonyms	ERCC3; excision repair cross-complementation group 3; XPB; BTF2; GTF2H; RAD25; TFIIH; TFIIH basal transcription factor complex helicase XPB subunit; BTF2 p89; TFIIH p89; TFIIH 89 kDa subunit; DNA excision repair protein ERCC-3; DNA repair protein complementing XP-B cells; basic transcription factor 2 89 kDa subunit; xeroderma pigmentosum, complementation group B; xeroderma pigmentosum group B-complementing protein; TFIIH basal transcription factor complex 89 kDa subunit; excision repair cross-complementing rodent repair deficiency, complementation group 3;
Entrez Gene ID	2071
Protein Refseq	NP_000113
UniProt ID	P19447
Chromosome Location	2q21
Pathway	Basal transcription factors; DNA Repair; Dual incision reaction in GG-NER; Epigenetic regulation of gene expression
Function	3-5 DNA helicase activity; ATP binding; ATP-dependent DNA helicase activity; ATPase activity