



Goat anti-Human CSB polyclonal antibody (DPABH-09769)

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

PRODUCT INFORMATION

Antigen Description Essential factor involved in transcription-coupled nucleotide excision repair which allows RNA polymerase II-blocking lesions to be rapidly removed from the transcribed strand of active genes. Upon DNA-binding, it locally modifies DNA conformation by wrapping the DNA around itself, thereby modifying the interface between stalled RNA polymerase II and DNA. It is required for transcription-coupled repair complex formation. It recruits the CSA complex (DCX(ERCC8) complex), nucleotide excision repair proteins and EP300 to the at sites of RNA polymerase II-blocking lesions.

Immunogen Synthetic peptide: SGGEGIWKLKPEYC, corresponding to amino acids 1480-1493 of Human CSB.

Isotype IgG

Source/Host Goat

Species Reactivity Human

Purification Immunogen affinity purified

Conjugate Unconjugated

Applications IHC-P

Format Liquid

Size 100 µg

Buffer pH: 7.30; Constituents: 99% Tris buffered saline, 0.5% BSA

Preservative 0.02% Sodium Azide

Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	ERCC6 excision repair cross-complementation group 7 [Homo sapiens]
Official Symbol	ERCC6
Synonyms	ERCC6; excision repair cross-complementation group 6; CSB; KKN2; 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_000115.1
UniProt ID	Q03468
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
