



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

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	Synthetic peptide: SGGEGIWKLKPEYC, corresponding to amino acids 1480-1493 of Human CSB.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	pH: 7.30; Constituents: 99% Tris buffered saline, 0.5% BSA
<b>Preservative</b>	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	<a href="#">ERCC6 excision repair cross-complementation group 7 [ Homo sapiens ]</a>
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	<a href="#">2074</a>
Protein Refseq	<a href="#">NP_000115.1</a>
UniProt ID	<a href="#">Q03468</a>
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