

Rabbit ERCC6 Polyclonal Antibody | anti-ERCC6 antibody

ERCC6 Rabbit pAb

CATALOG # AAA281908	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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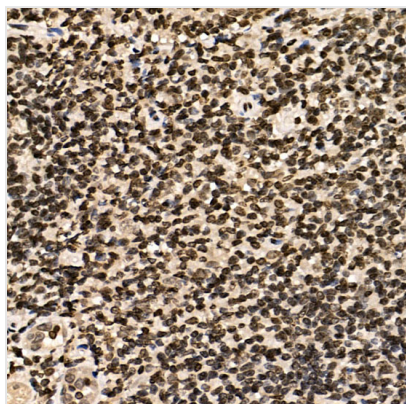
PRODUCT SYNONYMS

ERCC6; Polyclonal Antibody; ERCC6 Rabbit pAb; CSB; KKN2; COFS; ARMD5; COFS1; POF11; RAD26; UVSS1; CSB-PGBD3; anti-ERCC6 antibody

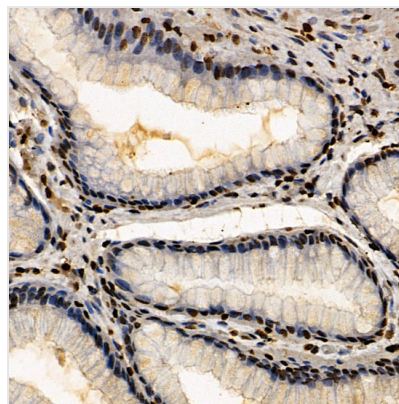
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-ERCC6 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human ERCC6.
Positive Samples	293T, A-549, Mouse thymus, Rat testis
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

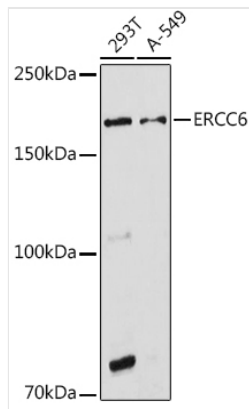
IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human tonsil using ERCC6 Rabbit pAb at dilution of 1:100 (40x lens).

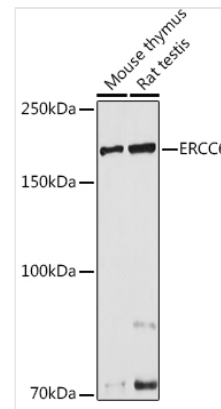


IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human colon carcinoma using ERCC6 Rabbit pAb at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ERCC6 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ERCC6 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-ERCC6 antibody	Background: 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.
Product Categories/Family for anti-ERCC6 antibody	Epigenetics & Nuclear Signaling ; DNA Damage & Repair

NCBI AND UNIPROT INFORMATION

NCBI GI #	457867142
NCBI GeneID	2074
NCBI Accession #	NP_000115.1
NCBI GenBank Nucleotide #	NM_000124
UniProt Accession #	Q03468 ; Q5W0L9 ; D3DX94
Molecular Weight	168,416 Da
NCBI Official Full Name	Homo sapiens excision repair cross-complementation group 6 (ERCC6), mRNA
NCBI Official Synonym Full Names	excision repair cross-complementation group 6
NCBI Official Symbol	ERCC6
NCBI Official Synonym Symbols	CSB; KKN2; COFS; ARMD5; COFS1; RAD26; UVSS1
NCBI Protein Information	DNA excision repair protein ERCC-6; ATP-dependent helicase ERCC6; Cockayne syndrome group B protein; cockayne syndrome protein CSB; excision repair cross-complementing rodent repair deficiency, complementation group 6
UniProt Protein Name	DNA excision repair protein ERCC-6
UniProt Gene Name	ERCC6
UniProt Synonym Gene Names	CSB

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ercc6-antibody-immunohistochemistry-western-blot-elisa/281908>