

Rabbit anti-Human CSB/ERCC6 Polyclonal Antibody | anti-CSB/ERCC6 antibody

Rabbit anti-CSB/ERCC6 Antibody, Affinity Purified

CATALOG # AAA211434	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

CSB/ERCC6; Polyclonal Antibody; Rabbit anti-CSB/ERCC6 Antibody; Affinity Purified; DNA excision repair protein ERCC-6; UVSS1; RAD26; POF11; excision repair cross-complementing rodent repair deficiency; complementation group 6; ERCC6-PGBD3 fusion protein; CSB-PGBD3; CSB; COFS; cockayne syndrome protein CSB; ARMD5; Cockayne syndrome group B protein; KKN2; Chimeric ERCC6-PGBD3 protein; Chimeric CSB-PGBD3 protein; ATP-dependent helicase ERCC6; COFS1; excision repair cross-complementation group 6; ERCC excision repair 6; chromatin remodeling factor; anti-CSB/ERCC6 antibody

PRODUCT SPECIFICATIONS

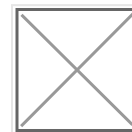
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CSB/ERCC6 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human CSB/ERCC6 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, MCF10A, HUVEC-C, and OVCAR-8 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CSB/ERCC6 antibody (AAA211434 lot 4) used for WB at 0.2 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human CSB/ERCC6 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CSB/ERCC6 antibody (AAA211434 lot 4) used for IP at 6 ug per reaction. CSB/ERCC6 was also immunoprecipitated by a previous lot of this antibody (AAA211434 lot 3) and a second antibody against a different epitope of CSB/ERCC6. For blotting immunoprecipitated CSB/ERCC6, AAA211434 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-CSB/ERCC6 antibody

ERCC6, also known as Cockayne syndrome B protein, is involved in DNA repair in response to UV exposure. ERCC6 has been reported to display ATPase and helicase activity and functions as a transcriptional regulator. Mutations in ERCC6 are the cause of Cockayne syndrome type B (CSB), cerebro-oculo-facio-skeletal syndrome type 1 (COFS1), De Sanctis-Cacchione syndrome (DCS), age-related macular degeneration type 5 (ARMD5), and UV-sensitive syndrome (UVS).

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/csb-ercc6-antibody-immunoprecipitation-western-blot-elisa/211434>