

Anti-ERCC2 antibody



Description	Unconjugated Rabbit polyclonal to ERCC2
Model	STJ190429
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human ERCC2 protein.
Immunogen Region	220-300aa
Gene ID	2068
Gene Symbol	ERCC2
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	ERCC2 Polyclonal Antibody detects endogenous levels of protein.
Purification	ERCC2 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	TFIIH basal transcription factor complex helicase XPD subunit Basic transcription factor 2 80 kDa subunit BTF2 p80 CXPB DNA excision repair protein ERCC-2 DNA repair protein complementing XP-D cells TFIIH basal transcri
Molecular Weight	83 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:3434OMIM:126340
Alternative Names	TFIIH basal transcription factor complex helicase XPD subunit Basic transcription factor 2 80 kDa subunit BTF2 p80 CXPB DNA excision repair protein ERCC-2 DNA repair protein complementing XP-D cells TFIIH basal transcri
Function	ATP-dependent 5'-3' DNA helicase, component of the core-TFIIH basal transcription factor. Involved in nucleotide excision repair (NER) of DNA by opening DNA around the damage, and in RNA transcription by RNA polymerase II by anchoring the CDK-activating kinase (CAK) complex, composed of CDK7, cyclin H and MAT1, to the core-TFIIH complex. Involved in the regulation of vitamin-D receptor activity. As part of the mitotic spindle-associated MMXD complex it plays a role in chromosome segregation. Might have a role in aging process and could play a causative role in the generation of skin cancers.
Cellular Localization	Nucleus Cytoplasm, cytoskeleton, spindle
Post-translational Modifications	ISGylated.