

Rabbit anti-Human TFIIH basal transcription factor complex helicase XPD Polyclonal Antibody | anti-ERCC2 antibody

Rabbit anti-human TFIIH basal transcription factor complex helicase XPD subunit polyclonal Antibody(ERCC2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119012	Rabbit	Human	Immunohistochemistry, ELISA

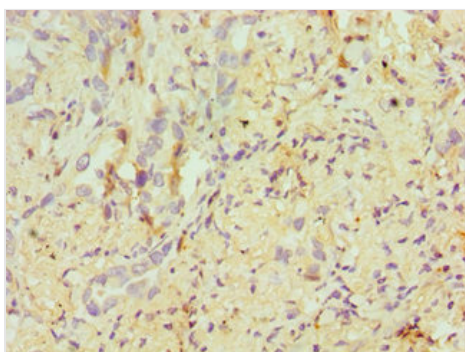
PRODUCT SYNONYMS

TFIIH basal transcription factor complex helicase XPD; Polyclonal Antibody; Rabbit anti-human TFIIH basal transcription factor complex helicase XPD subunit polyclonal Antibody(ERCC2); 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 transcription factor complex 80 kDa subunit; TFIIH 80 kDa subunit; TFIIH p80; Xeroderma pigmentosum group D-complementing protein; ERCC2; XPD; XPB; anti-ERCC2 antibody

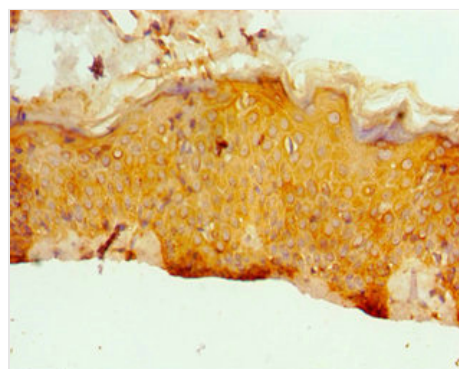
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	760
Applicable Applications for anti-ERCC2 antibody	IHC (Immunohistochemistry), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human TFIIH basal transcription factor complex helicase XPD subunit protein (1-300aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-6858 / sc-20696
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human lung cancer using AAA119012 at dilution 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human skin using AAA119012 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-ERCC2 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15834617
NCBI GeneID	2068
NCBI Accession #	NP_000391.1
NCBI GenBank Nucleotide #	NM_000400.3
UniProt Accession #	P18074; Q2TB78; Q2YDY2; Q7KZU6; Q8N721
Molecular Weight	46,274 Da
NCBI Official Full Name	TFIIH basal transcription factor complex helicase XPD subunit isoform 1
NCBI Official Synonym Full Names	excision repair cross-complementation group 2
NCBI Official Symbol	ERCC2
NCBI Official Synonym Symbols	EM9; TTD; XPD; TTD1; COFS2; TFIIH
NCBI Protein Information	TFIIH basal transcription factor complex helicase XPD subunit
UniProt Protein Name	TFIIH basal transcription factor complex helicase XPD subunit
UniProt Gene Name	ERCC2
UniProt Synonym Gene Names	XPD; XPDC; BTF2 p80; TFIIH 80 kDa subunit; TFIIH p80
UniProt Entry Name	ERCC2_HUMAN

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.