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
AAA119529	**Rabbit**	**Human**	**Immunohistochemistry, Western Blot, 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; CXPD; 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; XPDC; 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), WB (Western Blot), 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 (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human lung cancer using AAA119529 at dilution 1:100

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human skin using AAA119529 at dilution 1:100

WB (Western Blot)
All lanes: TFIIH basal transcription factor complex helicase XPD subunit antibody at 2ug/mlLane 1:293T whole cell lysateLane 2:K562 whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 87,47 kDaObserved band size: 87 kDa

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.

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.

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