

Rabbit anti-Human XPC Polyclonal Antibody | anti-XPC antibody

XPC Polyclonal Antibody

CATALOG # AAA280422	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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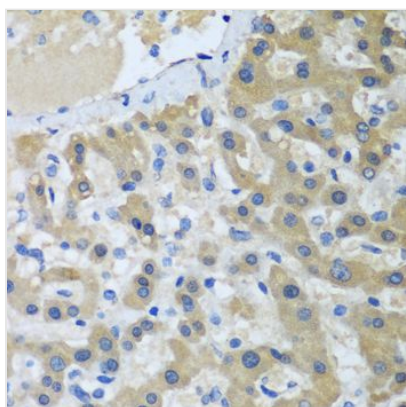
PRODUCT SYNONYMS

XPC; Polyclonal Antibody; XPC Polyclonal Antibody; anti-XPC antibody

PRODUCT SPECIFICATIONS

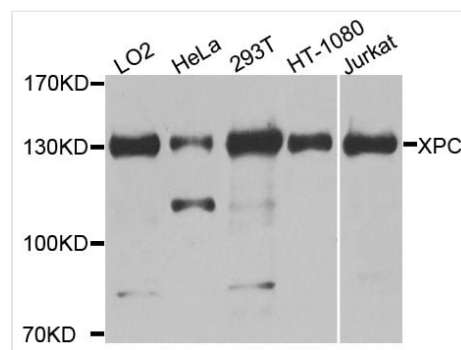
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	940
Applicable Applications for anti-XPC antibody	WB (Western Blot)
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human XPC
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using XPC antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using XPC antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 5s.

ADDITIONAL INFORMATION

Related Product Information for anti-XPC antibody	This gene encodes a component of the nucleotide excision repair (NER) pathway. There are multiple components involved in the NER pathway, including Xeroderma pigmentosum (XP) A-G and V, Cockayne syndrome (CS) A and B, and trichothiodystrophy (TTD) group A, etc. This component, XPC, plays an important role in the early steps of global genome NER, especially in damage recognition, open complex formation, and repair protein complex formation. Mutations in this gene or some other NER components result in Xeroderma pigmentosum, a rare autosomal recessive disorder characterized by increased sensitivity to sunlight with the development of carcinomas at an early age. Alternatively spliced transcript variants have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	224809295
NCBI GeneID	7508
NCBI Accession #	NP_004619.3
NCBI GenBank Nucleotide #	NM_004628.4
UniProt Accession #	Q01831; Q53GT7; Q96AX0; B4DIP3; E9PB96; E9PH69
Molecular Weight	106kDa
NCBI Official Full Name	DNA repair protein complementing XP-C cells
NCBI Official Synonym Full Names	xeroderma pigmentosum, complementation group C
NCBI Official Symbol	XPC
NCBI Official Synonym Symbols	XP3; RAD4; XPCC; p125
NCBI Protein Information	DNA repair protein complementing XP-C cells
UniProt Protein Name	DNA repair protein complementing XP-C cells
UniProt Gene Name	XPC
UniProt Synonym Gene Names	XPCC
UniProt Entry Name	XPC_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.