Datasheet for ABIN1109520

anti-XPC antibody (C-Term)

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Overview

Quantity:	0.1 mg
Target:	XPC
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This XPC antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Synthetic peptide derived from C-terminal domain of Human XPC protein
Specificity:	Reacts with Human 105 kDa XPC protein.
Cross-Reactivity (Details):	Species reactivity (expected):Mouse. Species reactivity (tested):Human.
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	XPC
Alternative Name:	XPC / XPCC (XPC Products)

Target Details

Background:	Human XPC (Xeroderma pigmentosum group C) is a member of a family of proteins that has been shown to be involved in the repair of DNA via the nucleotide excision repair (NER) pathway. Specifically, XPC is believed to be a part of a heteromeric protein complex that is involved in the recognition of the DNA lesions during global genomic repair but not transcription-coupled repair. XPC may play a part in DNA damage recognition and/or in altering chromatin structure to allow access by damage processing enzymes. Defects in XPC are a cause of xeroderma pigmentosum complementation group C (XPC), also known as xeroderma pigmentosum III (XP3). XPC is a rare human autosomal recessive disease characterized by solar sensitivity, high predisposition for developing cancers on areas exposed to sunlight and, in some cases, neurological abnormalities.Synonyms: DNA repair protein complementing XP-C cells, Xeroderma pigmentosum group C-complementing protein, p125
Gene ID:	7508
NCBI Accession:	NP_001139241
Pathways:	p53 Signaling, DNA Damage Repair

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Prior to reconstitution store the antibody at -20 °C. Store reconstituted antibody at 2-8 °C for one month or (in aliquots) at -20 °C for longer