Datasheet for ABIN7469198

anti-XPC antibody

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Overview

Quantity:	100 µL
Target:	XPC
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This XPC antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant XPC purified from E. coli
Clone:	3-26
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse
Purification:	Protein G purified

Target Details

Target:	XPC
Alternative Name:	XPC complex subunit, DNA damage recognition and repair factor (XPC Products)
Background:	Synonyms: XPC complex subunit, DNA damage recognition and repair factor , RAD4 , XP3 ,

Target Details

	XPCC , p125 Background: The protein encoded by this gene is a key component of the XPC complex, which plays an important role in the early steps of global genome nucleotide excision repair (NER). The encoded protein is important for damage sensing and DNA binding, and shows a preference for single-stranded DNA. Mutations in this gene or some other NER components can 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. [provided by RefSeq, Aug 2017]
Molecular Weight:	106 kDa
Gene ID:	7508
UniProt:	Q01831
Pathways:	p53 Signaling, DNA Damage Repair

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: HeLa whole cell extract
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.15 mg/mL
Buffer:	PBS, No Preservative
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.