PRODUCT DATA SHEET

XPC rabbit pAb

Catalog No.	IPB14080
Reactivity	Human; Mouse;
Applications	WB
Dilution	WB: 1:500-2000
Gene Name	XPC XPCC
Protein Name	XPC
Human Gene Id	7508
Swiss-Prot	Q01831
Formulation	Liquid in PBS containing 50% glycerol, 05% BSA and 002% sodium azide
Source	Rabbit
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen
Concentration	1 mg/ml
Storage&Stability	-20°C/1 year
Subcellular Location	Nucleus Chromosome Cytoplasm Omnipresent in the nucleus and consistently associates with and dissociates from DNA in the absence of DNA damage (PubMed:18682493) Continuously shuttles between the cytoplasm and the nucleus, which is impeded by the presence of NER lesions (PubMed:18682493)
MW	103400
Background	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 [provided by RefSeq, Mar 2009],

Products Images:

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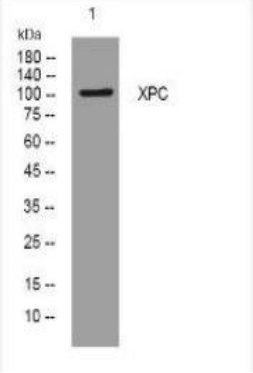

Western blot analysis of lysates from PC-12 cells, primary antibody was diluted at 1:1000, 4°over night