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Product datasheet for AP54880PU-N

XPC Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	**ELISA.** **Western Blot:** 1/200-1/2000. **Immunohistochemistry:** 1/50-1/500.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide derived from C-terminal domain of Human XPC protein
Specificity:	Reacts with Human 105 kDa XPC protein.
Formulation:	0.1M Tris 0.1M Glycine, 2% Sucrose State: Purified State: Lyophilized purified antibody Preservative: None
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	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 Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	XPC complex subunit, DNA damage recognition and repair factor
Database Link:	Entrez Gene 7508 Human Q01831

View online »

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: p125