

CAB8354

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## Product Information

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|---------------------|---------|----------------------|--------|--------------------|-------------|
| <b>Product SKU:</b> | CAB8354 | <b>Gene ID:</b>      | 7508   | <b>Size:</b>       | 20uL, 100uL |
| <b>Clone No:</b>    | -       | <b>Host Species:</b> | Rabbit | <b>Reactivity:</b> | Human       |

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## Additional Information

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| <b>Observed MW:</b>   | 130kDa | <b>Conjugate:</b> | Unconjugated |
| <b>Calculated MW:</b> | 106kDa | <b>Isotype:</b>   | IgG          |

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## Immunogen Information

**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.

**Recommended Dilution:** WB, 1:500 - 1:2000 IHC-P, 1:50 - 1:200 IP, 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

**Synonyms:** XP3; RAD4; XPCC; p125; XPC

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 700-940 of human XPC (NP\_004619.3).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.