

CAB7716

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## Product Information

<b>Product SKU:</b>	CAB7716	<b>Gene ID:</b>	5591	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human, Mouse

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## Additional Information

<b>Observed MW:</b>	469kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	469kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

**Background:** This gene encodes the catalytic subunit of the DNA-dependent protein kinase (DNA-PK). It functions with the Ku70/Ku80 heterodimer protein in DNA double strand break repair and recombination. The protein encoded is a member of the PI3/PI4-kinase family.

**Recommended Dilution:** WB, 1:500 - 1:2000 IHC-P, 1:50 - 1:200 IF/ICC, 1:50 - 1:200

**Synonyms:** HYRC; p350; DNAPK; DNP1; HYRC1; IMD26; XRCC7; DNAPKc; DNA-PKc; DNA-PKcs

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 3987-4086 of human DNA-PKcs (NP\_008835.5).

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