

## Product datasheet for **TA383387**

### **Ku70 (XRCC6) Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	ICC/IF, IHC, WB
<b>Recommended Dilution:</b>	WB,1:500 - 1:2000 IHC,1:50 - 1:200 IF,1:50 - 1:200
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Modifications:</b>	Unmodified
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	A synthetic peptide corresponding to a sequence within amino acids 500-600 of human Ku70 (NP_001460.1).
<b>Formulation:</b>	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Affinity purification
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Predicted Protein Size:</b>	65kDa/69kDa
<b>Gene Name:</b>	X-ray repair complementing defective repair in Chinese hamster cells 6
<b>Database Link:</b>	<a href="#">Entrez Gene 2547 Human P12956</a>
<b>Background:</b>	The p70/p80 autoantigen is a nuclear complex consisting of two subunits with molecular masses of approximately 70 and 80 kDa. The complex functions as a single-stranded DNA-dependent ATP-dependent helicase. The complex may be involved in the repair of nonhomologous DNA ends such as that required for double-strand break repair, transposition, and V(D)J recombination. High levels of autoantibodies to p70 and p80 have been found in some patients with systemic lupus erythematosus.



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**Synonyms:**

CTC75; CTCBF; D22S671; D22S731; G22P1; KU70; ML8; OTTHUMP00000199333;  
OTTHUMP00000199349; TLAA