

#### OriGene Technologies, Inc.

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# Product datasheet for TA362773

### Ku70 (XRCC6) Rabbit Polyclonal Antibody

#### **Product data:**

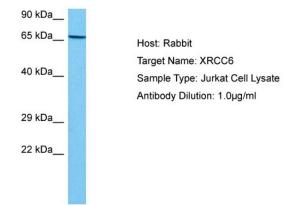
Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human XRCC6
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	66 kDa
Gene Name:	X-ray repair complementing defective repair in Chinese hamster cells 6
Database Link:	<u>NP_001275905.1</u> <u>Entrez Gene 2547 Human</u> <u>P12956</u>
Background:	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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	Ku70 (XRCC6) Rabbit Polyclonal Antibody – TA362773
Synonyms:	CTC75; CTCBF; D22S671; D22S731; G22P1; KU70; ML8; OTTHUMP00000199333; OTTHUMP00000199349; TLAA
Protein Families Protein Pathway	

## **Product images:**



Host: Rabbit Target Name: XRCC6 Sample Tissue: Human Jurkat Whole Cell lysates Antibody Dilution: 1ug/ml

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