

## Antibodies Product Datasheet

<b>Product Name:</b>	Ku-70 (Acetyl-Lys542) Antibody
<b>Catalog Number:</b>	D12145
<b>Reactivity:</b>	Human, Rat, Mouse
<b>Applications:</b>	WB, IHC-p, IF(paraffin section), ELISA
<b>Dilutions:</b>	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications.
<b>Modification:</b>	Acetyl Specific
<b>Source:</b>	Polyclonal Rabbit
<b>Purification:</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Immunogen:</b>	Synthesized acetyl-peptide derived from the human Ku-70 around the acetylation site of K542.
<b>Concentration:</b>	1 mg/ml
<b>Gene Name:</b>	XRCC6
<b>Protein Name:</b>	X-ray repair cross-complementing protein 6
<b>Other Name:</b>	XRCC6; G22P1; X-ray repair cross-complementing protein 6; 5'-deoxyribose-5-phosphate lyase Ku70; 5'-dRP lyase Ku70; 70 kDa subunit of Ku antigen; ATP-dependent DNA helicase 2 subunit 1; ATP-dependent DNA helicase II 70 kDa subunit; CTC box-binding factor 7
<b>Human Swiss Prot No.:</b>	P12956
<b>Formulation:</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Specificity:</b>	Acetyl-Ku-70 (K542) Polyclonal Antibody detects endogenous levels of Ku-70 protein only when acetylated at K542.
<b>Storage and Stability:</b>	-20°C/1 year