

Rabbit anti-Human, Mouse Ku70 Polyclonal Antibody | anti-Ku70 antibody

Ku70 (Phospho-Ser5) Antibody

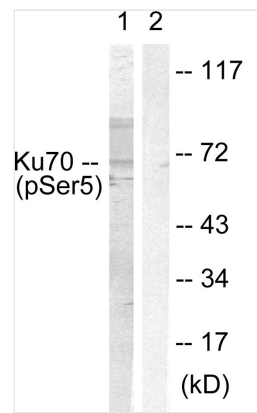
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316156	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

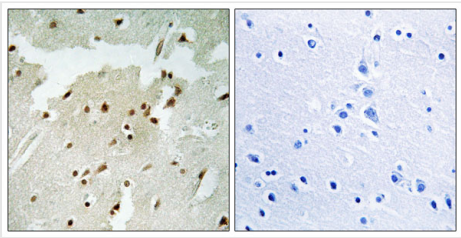
Ku70; Polyclonal Antibody; Ku70 (Phospho-Ser5) Antibody; anti-Ku70 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	Ku70 (Phospho-Ser5) Antibody detects endogenous levels of Ku70 only when phosphorylated at Ser5.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	568
Applicable Applications for anti-Ku70 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S5; M:S6
Immunogen	The antiserum was produced against synthesized peptide derived from human Ku70 around the phosphorylation site of Ser5.
Immunogen Range	Jan-50
Preparation and Storage	Stable at -20 degree C for at least 1 year.



WB (Western Blot)
Western blot analysis of lysates from HeLa cells, using Ku70 (Phospho-Ser5) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using Ku70 (Phospho-Ser5) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	573014815
NCBI GeneID	2547
NCBI Accession #	NP_001275905.1
NCBI GenBank Nucleotide #	NM_001288976.1
UniProt Accession #	P12956; Q6FG89; Q9UCQ2; Q9UCQ3; B1AHC8
Molecular Weight	69 kDa
NCBI Official Full Name	X-ray repair cross-complementing protein 6 isoform 1
NCBI Official Synonym Full Names	X-ray repair cross complementing 6
NCBI Official Symbol	XRCC6
NCBI Official Synonym Symbols	ML8; KU70; TLAA; CTC75; CTCBF; G22P1
NCBI Protein Information	X-ray repair cross-complementing protein 6
UniProt Protein Name	X-ray repair cross-complementing protein 6
UniProt Gene Name	XRCC6
UniProt Synonym Gene Names	G22P1; 5'-dRP lyase Ku70; CTC75; CTCBF; Ku70; TLAA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.