

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

Ku70 (Phospho-Ser5) Antibody

CATALOG # AAA111562	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
-------------------------------	-----------------------------------	--

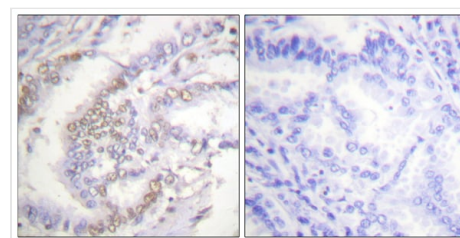
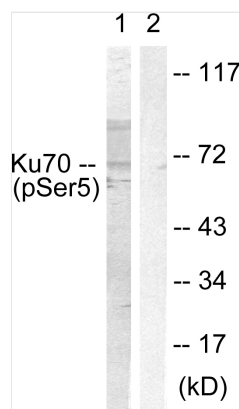
PRODUCT SYNONYMS

Ku70; Ku70 (Phospho-Ser5) Antibody; 70 kDa subunit of Ku antigen; ATP-dependent DNA helicase II; 70 kDa subunit; CTC box binding factor 75 kDa subunit; CTC75; CTCBF; G22P1; Lupus Ku autoantigen protein p70; TLAA; Thyroid-lupus autoantigen; anti-Ku70 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	Ku70 (Phospho-Ser5) antibody detects endogenous levels of Ku70 only when phosphorylated at serine 5.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	609
Applicable Applications for anti-Ku70 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Ku70 around the phosphorylation site of serine 5 (W-E-SP-Y-Y).
All Sites	Human: Ser5 Mouse: Ser6
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using Ku70 (Phospho-Ser5) antibody. Western blot analysis of extracts from HeLa cells, using Ku70 (Phospho-Ser5) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-Ku70 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Nicholas S. Y. Ting, Nucleic Acids Res., Apr 2005; 33: 2090-2098. Suparna Mazumder, Mol. Cell. Biol., May 2007; 27: 3511-3520. Roopashree Narasimhaiah, Cereb Cortex, Jun 2005; 15: 696-707.

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	65,149 Da
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-mouse-antibody/ku70/111562>