

anti-Human Ku70 Antibody | anti-Ku70 antibody

Ku70 Antibody

CATALOG # AAA110405	REACTIVITY Human	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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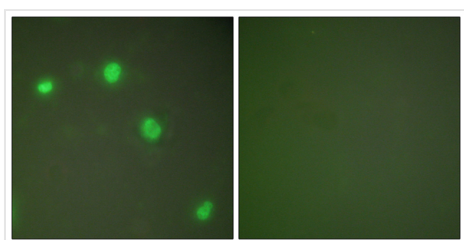
PRODUCT SYNONYMS

Ku70; Ku70 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

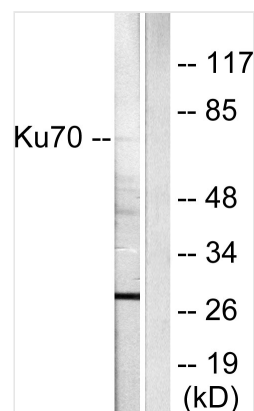
Reactivity	Human
Specificity	Ku70 antibody detects endogenous levels of total Ku70 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	609
Applicable Applications for anti-Ku70 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from human Ku70.
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



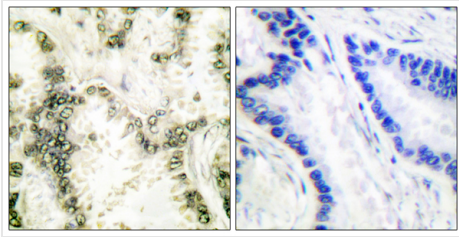
IF (Immunofluorescence)

Peptide-+ Immunofluorescence analysis of COS7 cells, using Ku70 antibody.



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, using Ku70 antibody.



IHC (Immunohistochemistry)
 Peptide-+ Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using Ku70 antibody.

ADDITIONAL INFORMATION

References	Nicholas S. Y. Ting, Nucleic Acids Res., Apr 2005; 33: 2090-2098. Yansong Gu, PNAS, Jul 1997; 94: 8076. Suparna Mazumder, Mol. Cell. Biol., May 2007; 27: 3511-3520. Roopashree Narasimhaiah, Cereb Cortex, Jun 2005; 15: 696-707.
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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.