

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

Ku70 (Ab-5) Antibody

CATALOG # AAA267403	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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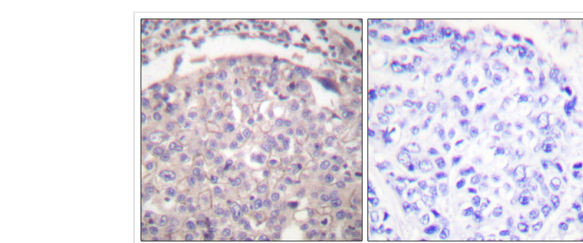
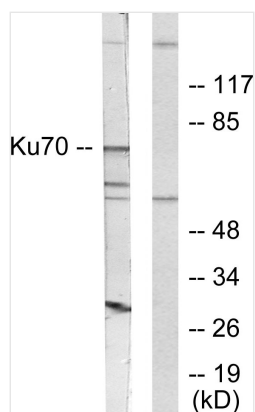
PRODUCT SYNONYMS

Ku70; Ku70 (Ab-5) 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 (Ab-5) 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, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized non-phosphopeptide derived from human Ku70 around the phosphorylation site of serine 5(W-E-SP-Y-Y).
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
Peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using Ku70 (Ab-5) Antibody. Western blot analysis of extracts from HeLa cells, using Ku70 (Ab-5) Antibody.

ADDITIONAL INFORMATION

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.
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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.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-antibody/ku70/267403>