

anti-Human, Mouse Ku80 Antibody | anti-Ku80 antibody

Ku80 (Ab-714) Antibody

CATALOG # AAA111931	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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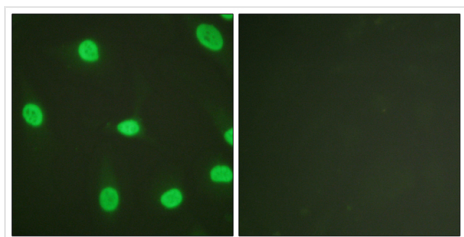
PRODUCT SYNONYMS

Ku80; Ku80 (Ab-714) Antibody; 86 kDa subunit of Ku antigen; ATP-dependent DNA helicase II; 80 kDa subunit; CTC box binding factor 85 kDa subunit; CTC85; CTCBF; DNA-repair protein XRCC5; G22P2; KU86; Lupus Ku autoantigen protein p86; Nuclear factor IV; TLAA; Thyroid-lupus autoantigen; XRCC5; anti-Ku80 antibody

PRODUCT SPECIFICATIONS

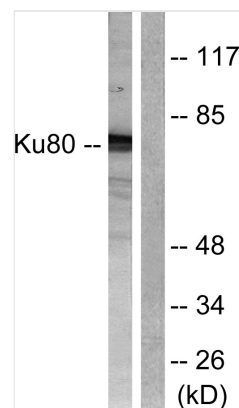
Reactivity	Human, Mouse
Specificity	Ku80 (Ab-714) antibody detects endogenous levels of total Ku80 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	732
Applicable Applications for anti-Ku80 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized non-phosphopeptide derived from human Ku80 around the phosphorylation site of threonine 714 (G-D-T-A-A).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



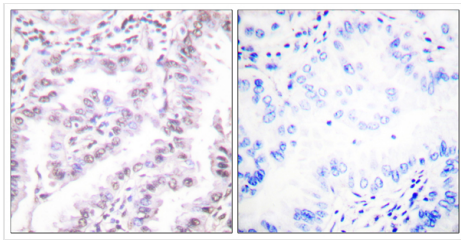
IF (Immunofluorescence)

Peptide-+ Immunofluorescence analysis of HeLa cells, using Ku80 (Ab-714) Antibody.



WB (Western Blot)

Western blot analysis of extracts from COS7 cells, using Ku80 (Ab-714) Antibody.



IHC (Immunohistochemistry)

Peptide-+ Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using Ku80 (Ab-714) Antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-Ku80 antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells
References	Catherine L. Bladen, Nucleic Acids Res., May 2005; 33: 3002-3010. Dae-Sik Lim, Mol. Cell. Biol., Jun 2000; 20: 3772-3780. Joo Weon Lim, J. Biol. Chem., Nov 2002; 277: 46093-46100. B. K. Singleton, Mol. Cell. Biol., May 1999; 19: 3267-3277.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10863945
NCBI GeneID	7520
NCBI Accession #	NP_066964.1
NCBI GenBank Nucleotide #	NM_021141.3
UniProt Accession #	P13010 ; Q0Z7V0 ; Q4VBQ5 ; Q53HH7 ; Q7M4N0 ; Q9UCQ0 ; Q9UCQ1 ; A8K3X5
Molecular Weight	82,705 Da
NCBI Official Full Name	X-ray repair cross-complementing protein 5
NCBI Official Synonym Full Names	X-ray repair cross complementing 5
NCBI Official Symbol	XRCC5
NCBI Official Synonym Symbols	KU80; KUB2; Ku86; NFIV; KARP1; KARP-1
NCBI Protein Information	X-ray repair cross-complementing protein 5
UniProt Protein Name	X-ray repair cross-complementing protein 5
UniProt Gene Name	XRCC5
UniProt Synonym Gene Names	G22P2; CTC85; CTCBF; 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/ku80/111931>