

Rabbit anti-Human Ku80 Polyclonal Antibody | anti-Ku80 antibody

Ku80 (Phospho-Thr714) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316157	Rabbit	Human	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

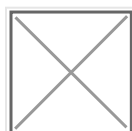
PRODUCT SYNONYMS

Ku80; Polyclonal Antibody; Ku80 (Phospho-Thr714) 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; Thyroid- lupus autoantigen; TLAA; anti-Ku80 antibody

PRODUCT SPECIFICATIONS

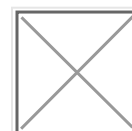
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Ku80 (Phospho-Thr714) Antibody detects endogenous levels of Ku80 only when phosphorylated at Thr714.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide 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	732
Applicable Applications for anti-Ku80 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:T714
Immunogen	The antiserum was produced against synthesized peptide derived from human Ku80 around the phosphorylation site of Thr714.
Immunogen Range	683-732
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from COS7 cells, using Ku80 (Phospho-Thr714) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using Ku80 (Phospho-Thr714) Antibody. The picture on the right is blocked with the phospho peptide.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using Ku80 (Phospho-Thr714) Antibody. The picture on the right is blocked with the phospho peptide.

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 kDa
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/polyclonal/ku80-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/316157>