

Ku70/80 Antibody | anti-Ku70/80 antibody

Ku70/80 Antibody

CATALOG # AAA110144	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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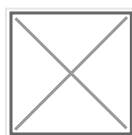
PRODUCT SYNONYMS

Ku70/80; Ku70/80 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; 70 kDa subunit of Ku antigen; 70 kDa subunit; CTC box binding factor 75 kDa subunit; CTC75; G22P1; Lupus Ku autoantigen protein p70; anti-Ku70/80 antibody

PRODUCT SPECIFICATIONS

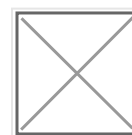
Reactivity	Human, Mouse, Rat
Specificity	Ku70/80 antibody detects endogenous levels of total Ku70/80 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	609
Applicable Applications for anti-Ku70/80 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from human Ku70/80.
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



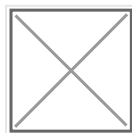
IF (Immunofluorescence)

Peptide+ Immunofluorescence analysis of A549 cells, using Ku70/80 antibody.



WB (Western Blot)

Western blot analysis of extracts from LOVO cells, using Ku70/80 antibody.



IHC (Immunohistochemistry)

Peptide+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Ku70/80 antibody.

ADDITIONAL INFORMATION

References	Shankar Mitra, AAPG Bulletin, Oct 2006; 90: 1565-1584. Ward Giffin, Mol. Cell. Biol., Jun 1999; 19: 4065-4078. Huichen Wang, Nucleic Acids Res., Sep 2003; 31: 5377-5388. Boris Kysela, J. Biol. Chem., Jun 2003; 278: 22466-22474.
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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-rat-antibody/ku70-80/110144>