

Rabbit Ku80 Polyclonal Antibody | anti-Ku80 antibody

Ku80 Antibody

CATALOG # AAA225478	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence
-------------------------------	-----------------------	--

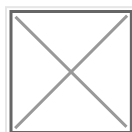
PRODUCT SYNONYMS

Ku80; Polyclonal Antibody; Ku80 Antibody; Affinity Purified Rabbit Polyclonal Ku80 Antibody; Polyclonal Ku80 antibody; Anti-Ku80 antibody; KARP1 antibody; FLJ39089 antibody; KUB2 antibody; NFIV antibody; Ku-80; Ku86 autoantigen related protein 1 antibody; ATP-dependent DNA helicase II 80 kDa subunit antibody; Ku 80 antibody; Ku-80 antibody; Ku 80; KU80 antibody; KARP-1 antibody; XRCC5 antibody; TLAA antibody; Ku86 antibody; CTC85 antibody; anti-Ku80 antibody

PRODUCT SPECIFICATIONS

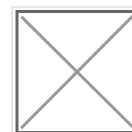
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1.01 mg/ml (varies by lot)
Sequence Length	699
Applicable Applications for anti-Ku80 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



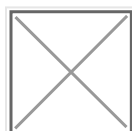
WB (Western Blot)

Western blot analysis of 30 ug whole cell lysate (A:MOLT4) using a 7.5% SDS PAGE gel and Ku80 antibody at a dilution of 1:1000



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded Cal27 Xenograft using Ku80 antibody at a dilution of 1:100



IF (Immunofluorescence)

Immunofluorescence analysis of methanol-fixed HeLa, using Ku80 (XRCC5) antibody at 1:200 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-Ku80 antibody	The protein encoded by this gene is the 80-kilodalton subunit of the Ku heterodimer protein which is also known as ATP-dependant DNA helicase II or DNA repair protein XRCC5. Ku is the DNA-binding component of the DNA-dependent protein kinase, and it functions together with the DNA ligase IV-XRCC4 complex in the repair of DNA double-strand break by non-homologous end joining and the completion of VJ recombination events. This gene functionally complements Chinese hamster xrs-6, a mutant defective in DNA double-strand break repair and in ability to undergo VJ recombination. A rare microsatellite polymorphism in this gene is associated with cancer in patients of varying radiosensitivity.
Product Categories/Family for anti-Ku80 antibody	DNA & RNA

NCBI AND UNIPROT INFORMATION

NCBI GI #	24584494
NCBI GeneID	34930
NCBI GenBank Nucleotide #	NP_609767.2
Molecular Weight	83 kDa
NCBI Official Full Name	Ku80
NCBI Official Symbol	Ku80
NCBI Official Synonym Symbols	BG:DS09217.6; CG18801; DmelCG18801; DmKu80; Ku; ku80; KU80
NCBI Protein Information	Ku80

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ku80-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/225478>