

Ku80 Rabbit Monoclonal Antibody



CAB12338

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

86kDa

Calculated MW:

83kDa

Applications:

WB IHC IF

Reactivity:

Human

Protein Background

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 V(D)J recombination events. This gene functionally complements Chinese hamster xrs-6, a mutant defective in DNA double-strand break repair and in ability to undergo V(D)J recombination. A rare microsatellite polymorphism in this gene is associated with cancer in patients of varying radiosensitivity. [provided by RefSeq, Jul 2008]

Immunogen information

Gene ID:

7520

Uniprot

P13010

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC

1:50 - 1:200 IF 1:50 - 1:200

Source:

Rabbit

Synonyms:

KARP-1; KARP1; KU80; KUB2; Ku86; NFIV

Immunogen:

A synthesized peptide derived from human Ku80

Isotype:

IgG

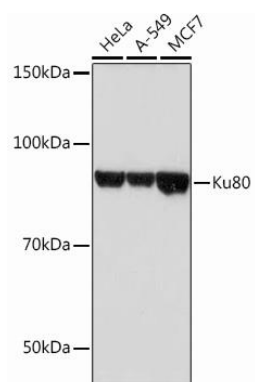
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Purification:

Affinity purification

Product Images



Western blot - Ku80 Rabbit mAb (CAB12338)