

Ku-70 (Acetyl Lys338) Rabbit pAb

CatalogNo: YK0154

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, IHC

MW

- 70kD (Observed)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

IHC 1:50-300

| Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality

Polyclonal

| Immunogen Information

Immunogen

Synthesized peptide derived from human Ku-70 (Acetyl Lys338)

Specificity

This antibody detects endogenous levels of Human, Mouse Ku-70 (Acetyl Lys338). The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites): ELkRF

| Target Information

Gene name XRCC6 G22P1

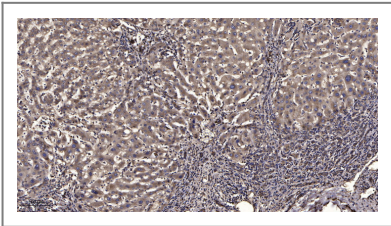
Protein Name Ku-70 (Acetyl Lys338)

Organism	Gene ID	UniProt ID
Human	2547;	P12956;
Mouse	14375;	P23475;

Cellular Localization Nucleus . Chromosome .

Function telomere maintenance, non-recombinational repair, somatic diversification of immune receptors, immune system development, somatic diversification of immune receptors via germline recombination within a single locus, DNA metabolic process, DNA ligation, DNA repair, double-strand break repair, double-strand break repair via nonhomologous end joining, DNA recombination, regulation of transcription, DNA-dependent, regulation of transcription from RNA polymerase II promoter, response to DNA damage stimulus, response to radiation, response to abiotic stimulus, positive regulation of biosynthetic process, response to ionizing radiation, regulation of specific transcription from RNA polymerase II promoter, positive regulation of specific transcription from RNA polymerase II promoter, positive regulation of macromolecule biosynthetic process, positive regulation of macromolecule metabolic process, positive regulation of gene expression, positive regulation of cell development, DNA integration, viral reproduction, somatic cell DNA recombination, provirus integration, viral infectious cycle, initiation of viral infection, viral reproductive process, lysogeny, positive regulation of cellular biosynthetic process, telomere organization, regulation of gene-specific transcription, V(D)J recombination, cellular response to stress, homeostatic process, positive regulation of gene-specific transcription, regulation of transcription, positive regulation of cell differentiation, positive regulation of transcription, DNA-dependent, positive regulation of nucleobase, nucleoside, nucleotide and nucleic acid metabolic process, positive regulation of transcription, positive regulation of transcription from RNA polymerase II promoter, regulation of neurogenesis, positive regulation of neurogenesis, positive regulation of developmental process, positive regulation of nitrogen compound metabolic process, regulation of RNA metabolic process, positive regulation of RNA metabolic process, chromosome organization, regulation of nervous system development, anatomical structure homeostasis, regulation of cell development,

| Validation Data



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

| Contact information

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