

# Ku70 IHC Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_001460.1

Catalog No. IHC-00723

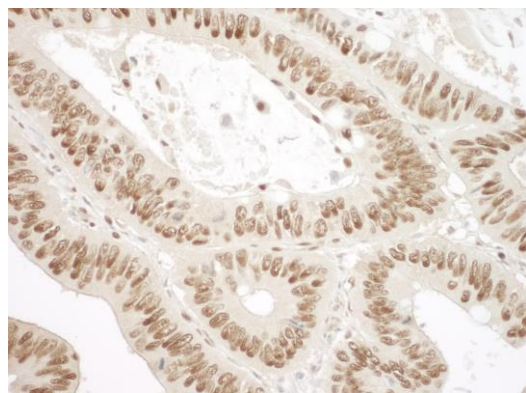
GeneID 2547

Lot No. IHC-00723-1

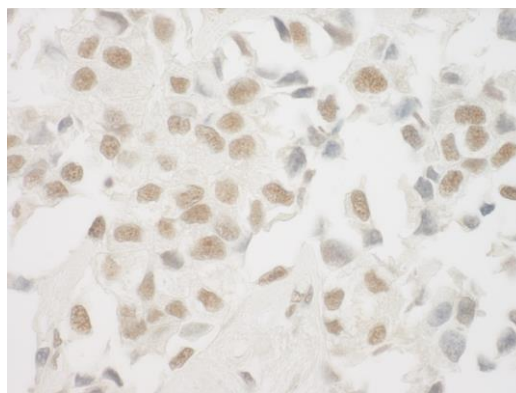


<b>APPLICATIONS</b>	IHC
<b>SPECIES REACTIVITY</b>	Human
<b>PRESUMED REACTIVITY</b>	Based on 100% sequence identity, this antibody is predicted to react with Orangutan, Monkey, Gorilla, Chimpanzee, Crab-eating macaque and White-tufted-ear marmoset
<b>AMOUNT</b>	100 µl
<b>CONCENTRATION</b>	100 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8° C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	<p>Antibody was affinity purified using an epitope specific to Ku70 immobilized on solid support.</p> <p>The epitope recognized by IHC-00723 maps to a region between residue 559 and 609 of human Lupus Ku autoantigen protein p70 using the numbering given in entry NP_001460.1 (GeneID 2547).</p> <p>Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>
<b>APPLICATIONS</b>	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <p>Immunohistochemistry 1:100 – 1:500</p>
<b>APPLICATION NOTES</b>	<p>Epitope exposure is recommended.</p> <p>Epitope exposure with citrate buffer will enhance staining.</p> <p>Likely to work with frozen sections.</p>
<b>IHC HUMAN CONTROLS</b>	<p>In some cases, the antibody may be diluted further than indicated.</p> <p>Breast Carcinoma, Colon Carcinoma, Osteosarcoma, Ovarian Carcinoma, Prostate Carcinoma, Testicular Seminoma</p>
<b>ADDITIONAL INFO</b>	<p><a href="https://www.bethyl.com/product/IHC-00723">https://www.bethyl.com/product/IHC-00723</a></p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

**Detection of human Ku70 by immunohistochemistry.**

*Sample:* FFPE section of human colon carcinoma. *Antibody:* Affinity purified rabbit anti-Ku70 (Cat. No. IHC-00723) used at a dilution of 1:100 *Detection:* DAB

**Detection of human Ku70 by immunohistochemistry.**

*Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti-Ku70 (Cat. No. IHC-00723) used at a dilution of 1:500 *Detection:* DAB