

Chicken Ki67 Polyclonal Antibody | anti-Ki67 antibody

Ki67

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA76711	Chicken	Human, Mouse, Rat	Immunofluorescence, Western Blot, Immunocytochemistry

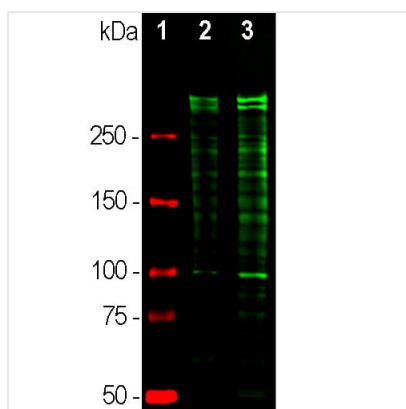
PRODUCT SYNONYMS

Ki67; Polyclonal Antibody; anti-Ki67 antibody

PRODUCT SPECIFICATIONS

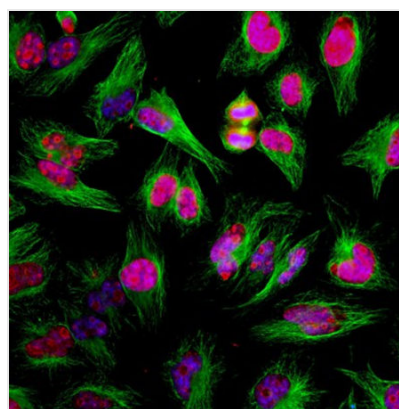
Host	Chicken
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Chicken IgY
Form/Format	Liquid. Supplied as an aliquot of IgY preparation plus 5mM NaN ₃
Applicable Applications for anti-Ki67 antibody	IF (Immunofluorescence), WB (Western Blot), ICC (Immunocytochemistry)
Immunogen	Mixture of recombinant human Ki67 constructs expressing the N-terminal region, amino acids 1-300 and an internal region, amino acids 1111-1490
Preparation and Storage	The antibody can be stored at 2 degree - 8 degree C for 12 months without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of equal amounts of cell lysates probed with chicken pAb to Ki67, AAA76711, dilution 1:5,000, in green: [1] protein standard (red), [2] rapidly dividing HeLa cell cultures, [3] rapidly dividing HEK293 cell cultures. Strong double bands above 250kDa correspond to the two major Ki67 isoforms of molecular weight 345kDa and 395kDa.



IF (Immunofluorescence)

Immunofluorescent analysis of HeLa cells stained with chicken pAb to Ki67, AAA76711, dilution 1:2,000 in red, and mouse mAb to beta-tubulin in green. The blue is DAPI staining of nuclear DNA. The CPCA-Ki67 antibody detects Ki67 protein predominantly expressed in nucleoli of cells in interphase and in mitotic cells Ki67 forms a coat around condensed chromosomes. Ki67 is not detected in cells in the quiescent G0 state.

ADDITIONAL INFORMATION

Related Product Information for anti-Ki67 antibody	The Ki67 protein was first discovered when researchers attempted to generate cancer cell specific monoclonal antibodies by injecting mice with nuclear preparations from Hodgkin's lymphoma cells. They obtained a monoclonal antibody which recognized two large proteins of apparent molecular weight 345kDa and 395kDa. The presence of the Ki67 protein is frequently used as an indicator of cell proliferation and its level of expression is one of the most reliable biomarkers of proliferative status of cancer cells. Much research shows a correlation between Ki67 protein level and prognosis in cancer patients, when high Ki67 levels being associated with poorer outcomes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	225543215
NCBI GeneID	4288
NCBI Accession #	NP_001139438.1
NCBI GenBank Nucleotide #	NM_001145966.1
UniProt Accession #	P46013; Q5VWH2
Molecular Weight	358,694 Da
NCBI Official Full Name	antigen KI-67 isoform 2
NCBI Official Synonym Full Names	antigen identified by monoclonal antibody Ki-67
NCBI Official Symbol	MKI67
NCBI Official Synonym Symbols	KIA
NCBI Protein Information	antigen KI-67; proliferation-related Ki-67 antigen
UniProt Protein Name	Antigen KI-67
UniProt Gene Name	MKI67
UniProt Entry Name	KI67_HUMAN

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://www.aaabiotech.com/polyclonal/ki67-antibody-immunofluorescence-western-blot-immunocytochemistry-elisa/76711>