

Rabbit MLH1 Polyclonal Antibody | anti-MLH1 antibody

MLH1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324306	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

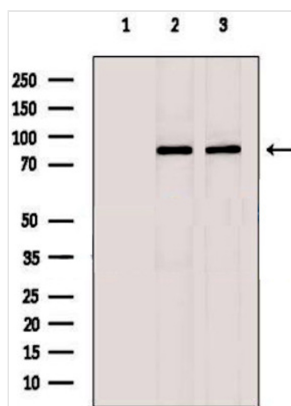
PRODUCT SYNONYMS

MLH1; Polyclonal Antibody; MLH1 Antibody; anti-MLH1 antibody

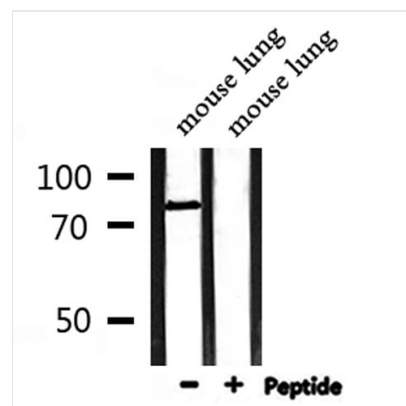
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MLH1 antibody detects endogenous levels of total MLH1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	756
Applicable Applications for anti-MLH1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MLH1, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

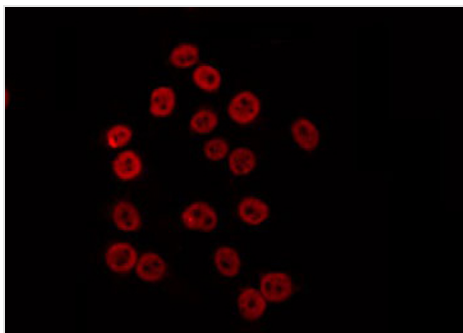
IMAGES


WB (Western Blot)

Western blot analysis of extracts from various samples, using MLH1 Ab. Lane 1: Hepg2 cells(heat-shock treatment), blocked with antigen-specific peptides. Lane 2: Hepg2 cells(heat-shock treatment). Lane 3: Hela cells(heat-shock treatment).

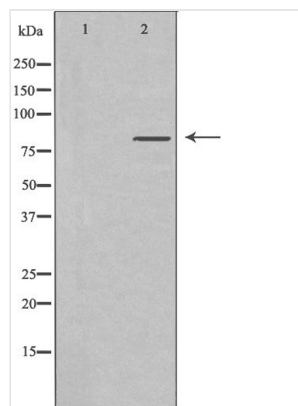

WB (Western Blot)

Western blot analysis of extracts from mouse lung, using MLH1 Antibody.



IF (Immunofluorescence)

AAA324306 staining K562 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from K562 cells, using MLH1 antibody. The lane on the left is treated with the antigen-specific peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557757
NCBI GeneID	4292
NCBI Accession #	NP_000240.1
NCBI GenBank Nucleotide #	NM_000249.3
UniProt Accession #	P40692; B4DI13; B4DQ11; E9PCU2
Molecular Weight	85 KD
NCBI Official Full Name	DNA mismatch repair protein Mlh1 isoform 1
NCBI Official Synonym Full Names	mutL homolog 1
NCBI Official Symbol	MLH1
NCBI Official Synonym Symbols	FCC2; COCA2; HNPCC; hMLH1; HNPCC2
NCBI Protein Information	DNA mismatch repair protein Mlh1
UniProt Protein Name	DNA mismatch repair protein Mlh1
UniProt Gene Name	MLH1
UniProt Synonym Gene Names	COCA2

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://stage.aaabiotech.com/polyclonal/mlh1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324306>