

Rabbit anti-Human, Mouse BLM Polyclonal Antibody | anti-BLM antibody

Rabbit anti-BLM Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA210767	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

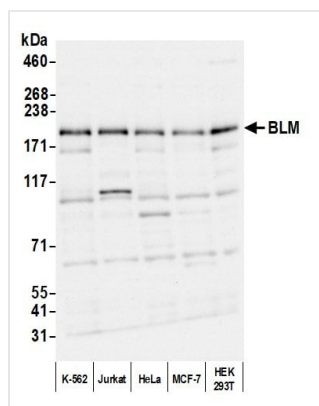
PRODUCT SYNONYMS

BLM; Polyclonal Antibody; Rabbit anti-BLM Antibody; Affinity Purified; recQ protein-like 3; BS; RECQL3; RECQL2; RECQ2; DNA helicase; RecQ-like type 2; Bloom syndrome; RecQ helicase-like; Bloom syndrome RecQ like helicase; Bloom syndrome protein; MGRISCE1; BLM RecQ like helicase; anti-BLM antibody

PRODUCT SPECIFICATIONS

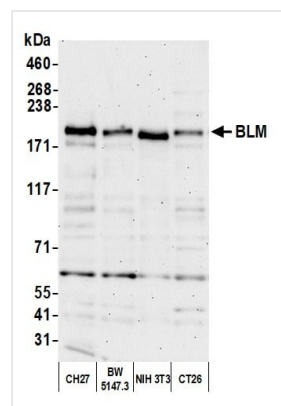
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-BLM antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1367 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



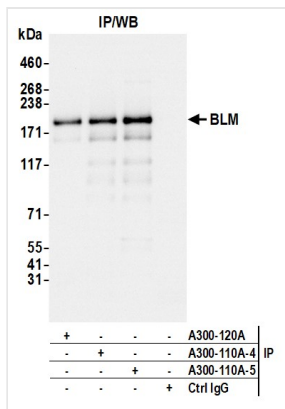
WB (Western Blot)

Detection of human BLM by western blot. Samples: Whole cell lysate (15 ug) from K-562, Jurkat, HeLa, MCF-7, and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-BLM antibody (AAA210767 lot 5) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



WB (Western Blot)

Detection of mouse BLM by western blot. Samples: Whole cell lysate (10 ug) from CH27, BW5147.3, NIH 3T3, and CT26 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-BLM antibody (AAA210767 lot 5) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



IP (Immunoprecipitation)

Detection of human BLM by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-BLM antibody (AAA210767 lot 5) used for IP at 6 ug per reaction. BLM was also immunoprecipitated by a previous lot of this antibody (AAA210767 lot 4) and a second antibody against a different epitope of BLM . For blotting immunoprecipitated BLM, AAA210767 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-BLM antibody	Bloom syndrome protein (BLM) is a RecQ DNA-helicase that plays a role in DNA replication and repair. Mutations and inactivation of BLM result in human syndromes characterized by dwarfism, infertility, erythema, learning disabilities, immune deficiency and predisposition to cancer. BLM has been shown to associate with the BRCA1-associated genome surveillance complex (BASC) which contains BRCA1, MSH2, MSH6, MLH1, ATM, PMS2 and the RAD50-MRE11-NBS1 protein complex.
Product Categories/Family for anti-BLM antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557365
NCBI GeneID	641
NCBI Accession #	NP_000048.1
NCBI GenBank Nucleotide #	NM_000057.2
UniProt Accession #	P54132; Q52M96
Molecular Weight	159,000 Da
NCBI Official Full Name	Bloom syndrome protein
NCBI Official Synonym Full Names	Bloom syndrome, RecQ helicase-like
NCBI Official Symbol	BLM
NCBI Official Synonym Symbols	BS; RECQ2; RECQL2; RECQL3
NCBI Protein Information	Bloom syndrome protein; recQ protein-like 3; DNA helicase, RecQ-like type 2
UniProt Protein Name	Bloom syndrome protein
UniProt Gene Name	BLM
UniProt Synonym Gene Names	RECQ2; RECQL3; RecQ2
UniProt Entry Name	BLM_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/blm-antibody-immunoprecipitation-western-blot-elisa/210767>