

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

Rabbit anti-BLM Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211027	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

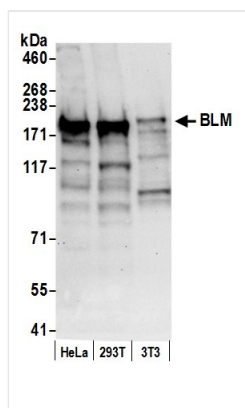
PRODUCT SYNONYMS

BLM; Polyclonal Antibody; Rabbit anti-BLM Antibody; Affinity Purified; recQ helicase homolog; mBLM; Bloom syndrome; RecQ helicase-like; Bloom syndrome homolog; Bloom syndrome protein homolog; RecQ like helicase; anti-BLM antibody

PRODUCT SPECIFICATIONS

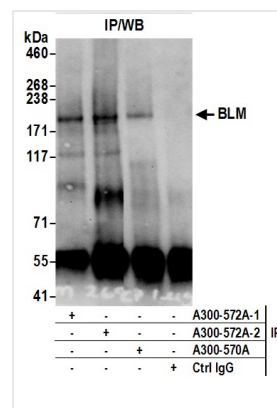
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-BLM antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1366 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 and mouse BLM by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-BLM antibody AAA211027 (lot AAA211027-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of mouse BLM by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from NIH 3T3 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-BLM antibody AAA211027 (lot AAA211027-2) used for IP at 6 ug per reaction. BLM was also immunoprecipitated by a previous lot of this antibody (lot AAA211027-1) and rabbit anti-BLM antibody For blotting immunoprecipitated BLM, AAA211027 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 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 #	226693393
NCBI GeneID	12144
NCBI Accession #	NP_031576.4
NCBI GenBank Nucleotide #	NM_007550.4
UniProt Accession #	O88700; O88198
Molecular Weight	158,366 Da
NCBI Official Full Name	Bloom syndrome protein homolog isoform 1
NCBI Official Synonym Full Names	Bloom syndrome, RecQ helicase-like
NCBI Official Symbol	Blm
NCBI Protein Information	Bloom syndrome protein homolog; mBLM; recQ helicase homolog; Bloom syndrome homolog
UniProt Protein Name	Bloom syndrome protein homolog
UniProt Gene Name	Blm
UniProt Synonym Gene Names	mBLM

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/blm-antibody-immunoprecipitation-western-blot-elisa/211027>