

anti-Human Bloom Syndrome Antibody | anti-BLM antibody

Bloom Syndrome (Phospho-Thr99) Antibody

CATALOG # AAA110195	REACTIVITY Human	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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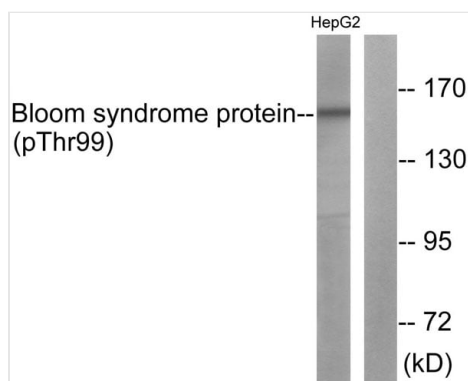
PRODUCT SYNONYMS

Bloom Syndrome; Bloom Syndrome (Phospho-Thr99) Antibody; Bloom's syndrome protein; DNA helicase; RecQ-like; type 2; EC 3.6.1.-; RECQ2; RECQL3; RecQ protein-like 3; anti-BLM antibody

PRODUCT SPECIFICATIONS

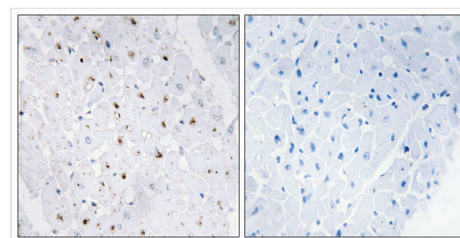
Reactivity	Human
Specificity	Bloom Syndrome Protein (Phospho-Thr99) antibody detects endogenous levels of Bloom Syndrome Protein only when phosphorylated at threonine 99.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1417
Applicable Applications for anti-BLM antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Bloom Syndrome Protein around the phosphorylation site of threonine 99 (Q-E-TP-Q-R).
All Sites	Human: Thr99
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human heart tissue using Bloom Syndrome Protein (Phospho-Thr99) antibody. Western blot analysis of extracts from HepG2 cells, using Bloom Syndrome Protein (Phospho-Thr99) antibody.



Application Data
P-peptide-+

ADDITIONAL INFORMATION

Product Categories/Family for anti-BLM antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Ellis N.A., Cell 83:655-666(1995). Karow J.K., J. Biol. Chem. 272:30611-30614(1997). Pichierri P., EMBO J. 23:3154-3163(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557365
NCBI GeneID	641
NCBI Accession #	NP_000048.1
NCBI GenBank Nucleotide #	NM_000057.3
UniProt Accession #	P54132; Q52M96
Molecular Weight	159,000 Da
NCBI Official Full Name	Bloom syndrome protein isoform 1
NCBI Official Synonym Full Names	Bloom syndrome RecQ like helicase
NCBI Official Symbol	BLM
NCBI Official Synonym Symbols	BS; RECQ2; RECQL2; RECQL3
NCBI Protein Information	Bloom syndrome protein
UniProt Protein Name	Bloom syndrome protein
UniProt Gene Name	BLM
UniProt Synonym Gene Names	RECQ2; RECQL3; RecQ2

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/human-antibody/bloom-syndrome/110195>