

BLM polyclonal antibody

Catalog: BS65549 Host: Rabbit Reactivity: Hu-
man, Mouse, Rat, Pig, Horse, Rabbit,

Background:

Bloom's syndrome is an autosomal recessive disorder characterized by pre- and post-natal growth deficiencies, sun sensitivity, immunodeficiency and a predisposition to various cancers. The gene responsible for Bloom's syndrome, BLM, encodes a protein homologous to the RecQ helicase of *E. coli* and is mutated in most Bloom's syndrome patients. One characteristic of Bloom's syndrome is an increased frequency of sister chromatid exchange (SCE). BLM has been shown to unwind G4 DNA, and a failure of this function is thought to be responsible for the increased rate of SCE. BLM is known to be translocated to the nucleus, where its ATPase activity is stimulated by both single- and double-stranded DNA. Mutations in the yeast SGS1, a homolog of BLM, are known to cause mitotic hyperrecombination similar to that observed in Bloom's cells.

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

~159kDa

Swiss-Prot:

P54132

Purification&Purity:

affinity purified by Protein A

Applications:

IHC-P=1:100-500 (石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

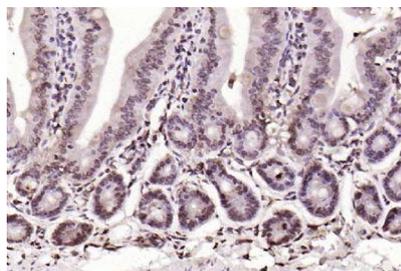
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

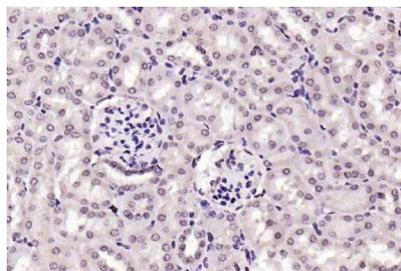
Specificity:

BLM polyclonal Antibody detects endogenous levels of BLM protein.

DATA:



Paraformaldehyde-fixed, paraffin embedded (mouse intestine); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 °C for 30min; Antibody incubation with (BLM) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4 °C.



Paraformaldehyde-fixed, paraffin embedded (mouse kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 °C for 30min; Antibody incubation with (BLM) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4 °C.

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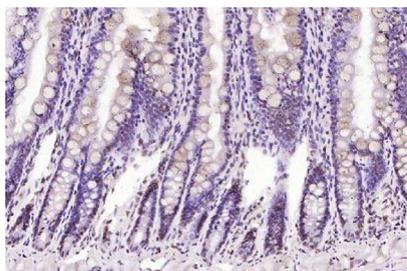
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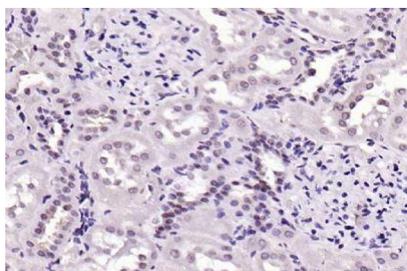
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Paraformaldehyde-fixed, paraffin embedded (rat intestine); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 °C for 30min; Antibody incubation with (BLM) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4 °C.



Paraformaldehyde-fixed, paraffin embedded (rat kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Block-

ing buffer (normal goat serum) at 37 °C for 30min; Antibody incubation with (BLM) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4 °C.

Note:

For research use only, not for use in diagnostic procedure.

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