

For Research Use Only

# BLM Polyclonal antibody

Catalog Number: 30254-1-AP

1 Publications



## Basic Information

Catalog Number:

30254-1-AP

Size:

150ul, Concentration: 550 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32996

GenBank Accession Number:

GeneID (NCBI):

641

UNIPROT ID:

P54132

Full Name:

Bloom syndrome, RecQ helicase-like

Calculated MW:

159 kDa

Observed MW:

160-175 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human

Positive Controls:

WB : NIH/3T3 cells, HEK-293T cells, HeLa cells, Jurkat cells, K-562 cells

## Background Information

BLM participates in DNA replication and repair, it is involved in 5'-end resection of DNA during double-strand break (DSB) repair. BLM can also be recruited by the KHD3L-OOEP scaffold to DNA replication forks where it is retained by TRIM25 ubiquitination, it thereby promotes the restart of stalled replication forks.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xinyu Cui	38869071	Nucleic Acids Res	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

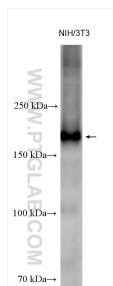
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30254-1-AP (BLM antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.

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