

Datasheet for ABIN7449873  
**anti-BLM antibody (AA 100-150)**



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## Overview

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Quantity:            | 100 µg                                          |
| Target:              | BLM                                             |
| Binding Specificity: | AA 100-150                                      |
| Reactivity:          | Human                                           |
| Host:                | Goat                                            |
| Clonality:           | Polyclonal                                      |
| Conjugate:           | This BLM antibody is un-conjugated              |
| Application:         | Western Blotting (WB), Immunoprecipitation (IP) |

## Product Details

|               |                                           |
|---------------|-------------------------------------------|
| Purpose:      | Goat anti-BLM Antibody, Affinity Purified |
| Immunogen:    | between AA 100 and 150                    |
| Isotype:      | IgG                                       |
| Purification: | Affinity Purified                         |

## Target Details

|                   |                                                                                                                                                                              |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | BLM                                                                                                                                                                          |
| Alternative Name: | BLM ( <a href="#">BLM Products</a> )                                                                                                                                         |
| Background:       | Background: 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 |

## Target Details

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.

Gene ID: 641

NCBI Accession: [NP\\_000048](#)

UniProt: [P54132](#)

Pathways: [DNA Damage Repair](#)

## Application Details

Application Notes: IP: 2 - 10 µg/mg lysate  
WB: 1:10,000 - 1:25,000

Restrictions: For Research Use only

## Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months