

# BLM (phospho Thr99) Polyclonal Antibody

Catalog No: #14042

Package Size: #14042-1 50ul #14042-2 100ul

## Description

|                       |                                                                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | BLM (phospho Thr99) Polyclonal Antibody                                                                                                            |
| Host Species          | Rabbit                                                                                                                                             |
| Clonality             | Polyclonal                                                                                                                                         |
| Purification          | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                              |
| Applications          | WB,IHC-p,IF/ICC,ELISA                                                                                                                              |
| Species Reactivity    | Human                                                                                                                                              |
| Specificity           | Phospho-BLM (T99) Polyclonal Antibody detects endogenous levels of BLM protein only when phosphorylated at T99.                                    |
| Immunogen Description | The antiserum was produced against synthesized peptide derived from human Bloom Syndrome around the phosphorylation site of Thr99. AA range:65-114 |
| Conjugates            | Unconjugated                                                                                                                                       |
| Other Names           | BLM; RECQ2; RECQL3; Bloom syndrome protein; DNA helicase; RecQ-like type 2; RecQ2; RecQ protein-like 3                                             |
| Accession No.         | Swiss Prot:P54132GeneID:641                                                                                                                        |
| SDS-PAGE MW           | 159                                                                                                                                                |
| Concentration         | 1 mg/ml                                                                                                                                            |
| Formulation           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                            |
| Storage               | -20°C/1                                                                                                                                            |

## Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.

## Background

Bloom syndrome RecQ like helicase(BLM) Homo sapiens The Bloom syndrome gene product is related to the RecQ subset of DExH box-containing DNA helicases and has both DNA-stimulated ATPase and ATP-dependent DNA helicase activities. Mutations causing Bloom syndrome delete or alter helicase motifs and may disable the 3'→5' helicase activity. The normal protein may act to suppress inappropriate recombination. [provided by RefSeq, Jul 2008],

**Note:** This product is for in vitro research use only and is not intended for use in humans or animals.