

# Product datasheet for TA313510

## **BLM Rabbit Polyclonal Antibody**

#### **Product data:**

#### OriGene Technologies, Inc.

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Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1:500~1:3000, IHC: 1:50~1:100, ELISA: 1:40000
Reactivity:	Human
Modifications:	Phospho-specific
Host:	Rabbit
lsotype:	IgG
Clonality:	Polyclonal
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).
Formulation:	Phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	Bloom syndrome RecQ like helicase
Database Link:	<u>NP_000048</u> <u>Entrez Gene 641 Human</u> <u>P54132</u>
Synonyms:	BS; RECQ2; RECQL2; RECQL3
Note:	Bloom Syndrome Protein (Phospho-Thr99) antibody detects endogenous levels of Bloom Syndrome Protein only when phosphorylated at threonine 99.
Protein Families:	Druggable Genome, Stem cell - Pluripotency
Protein Pathways:	Homologous recombination



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### **Product images:**

HepG2 Bloom syndrome protein--(pThr99) -- 170 -- 130 -- 95 -- 72 (kD)

Western blot analysis of extracts from HepG2 cells, using Bloom Syndrome Protein (Phospho-Thr99) antibody.The lane on the right is treated with the synthesized peptide.

Immunohistochemistry analysis of paraffinembedded human heart tissue, using Bloom Syndrome Protein (Phospho-Thr99) antibody.The picture on the right is treated with the synthesized peptide.

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