

SLBP Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full length recombinant SLBP.****Catalog # AT3899a****Specification**

SLBP Antibody (monoclonal) (M01) - Product Information

Application	IF, WB
Primary Accession	Q14493
Other Accession	BC014908
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a kappa
Calculated MW	31286

SLBP Antibody (monoclonal) (M01) - Additional Information**Gene ID** 7884**Other Names**

Histone RNA hairpin-binding protein, Histone stem-loop-binding protein, SLBP, HBP

Target/Specificity

SLBP (AAH14908, 1 a.a. ~ 270 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

SLBP Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

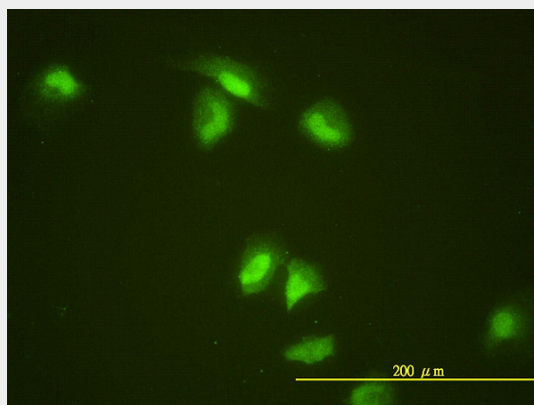
SLBP Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

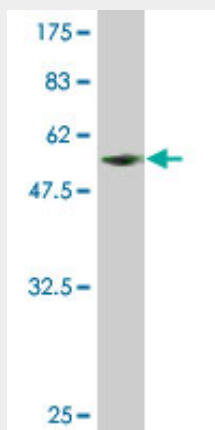
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

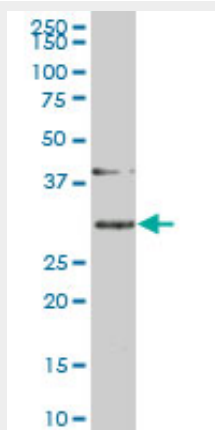
SLBP Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to SLBP on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (55.44 kDa) .



SLBP monoclonal antibody (M01), clone 2C4-1C8 Western Blot analysis of SLBP expression in HeLa S3 NE((Cat # AT3899a)

SLBP Antibody (monoclonal) (M01) - Background

This gene encodes a protein that binds to the stem-loop structure in replication-dependent histone mRNAs. Histone mRNAs do not contain introns or polyadenylation signals, and are processed by endonucleolytic cleavage. The stem-loop structure is essential for efficient processing but this structure also controls the transport, translation and stability of histone mRNAs. Expression of the protein is regulated during the cell cycle, increasing more than 10-fold during the latter part of G1.

SLBP Antibody (monoclonal) (M01) - References

1. Destabilization of CDC6 upon DNA damage is dependent on neddylation but independent of Cullin E3 ligases. Tan CY, Hagen T. *J Biochem Cell Biol.* 2013 Apr 15;45(7):1489-1498. doi: 10.1016/j.biocel.2013.04.010.