

SLBP Rabbit mAb
Catalog # AP76090**Specification**

SLBP Rabbit mAb - Product Information

Application	WB, IHC-P, IHC-F, IP, ICC
Primary Accession	Q14493
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	31286

SLBP Rabbit mAb - Additional Information**Gene ID** 7884**Other Names**
SLBP**Dilution**
WB~~1/500-1/1000
IHC-P~~N/A
IHC-F~~N/A
IP~~N/A
ICC~~N/A**Format**
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.**Storage**
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**SLBP Rabbit mAb - Protein Information****Name** SLBP**Synonyms** HBP**Function**
RNA-binding protein involved in the histone pre-mRNA processing (PubMed:12588979, PubMed:19155325, PubMed:8957003, PubMed:9049306). Binds the stem-loop structure of replication-dependent histone pre-mRNAs and contributes to efficient 3'-end processing by stabilizing the complex between histone pre-mRNA and U7 small nuclear ribonucleoprotein (snRNP), via the histone downstream element (HDE) (PubMed:12588979, PubMed:12588979, PubMed:12588979).

[19155325](http://www.uniprot.org/citations/19155325), PubMed:<[8957003](http://www.uniprot.org/citations/8957003)>, PubMed:<[9049306](http://www.uniprot.org/citations/9049306)>). Plays an important role in targeting mature histone mRNA from the nucleus to the cytoplasm and to the translation machinery (PubMed:<[12588979](http://www.uniprot.org/citations/12588979)>, PubMed:<[19155325](http://www.uniprot.org/citations/19155325)>, PubMed:<[8957003](http://www.uniprot.org/citations/8957003)>, PubMed:<[9049306](http://www.uniprot.org/citations/9049306)>). Stabilizes mature histone mRNA and could be involved in cell-cycle regulation of histone gene expression (PubMed:<[12588979](http://www.uniprot.org/citations/12588979)>, PubMed:<[19155325](http://www.uniprot.org/citations/19155325)>, PubMed:<[8957003](http://www.uniprot.org/citations/8957003)>, PubMed:<[9049306](http://www.uniprot.org/citations/9049306)>). Involved in the mechanism by which growing oocytes accumulate histone proteins that support early embryogenesis (By similarity). Binds to the 5' side of the stem-loop structure of histone pre-mRNAs (By similarity).

Cellular Location

Cytoplasm. Nucleus. Note=Polyribosome-associated (PubMed:12588979). Localizes predominantly in the nucleus at the G1/G2 phases and the beginning of S phase (PubMed:12588979). Through the S phase, partially redistributes to the cytoplasm (PubMed:12588979) Binding to histone mRNA is necessary for cytoplasmic localization (PubMed:12588979). Shuttles between the nucleus and the cytoplasm (PubMed:15829567). Imported in the nucleus by the Importin alpha/Importin beta receptor (PubMed:15829567)

Tissue Location

Widely expressed..

SLBP Rabbit mAb - 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 Rabbit mAb - Images



