Datasheet for ABIN7600074

anti-SLBP antibody (AA 146-270)

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Overview

Quantity:	100 µg
Target:	SLBP
Binding Specificity:	AA 146-270
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLBP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-SLBP Antibody Picoband®
Immunogen:	E.coli-derived human SLBP recombinant protein (Position: K146-S270).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-SLBP Antibody Picoband® (ABIN7600074). Tested in ELISA, Flow Cytometry, IF, IHC, ICC, WB applications. This antibody reacts with Human, Mouse. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	SLBP
Alternative Name:	SLBP (SLBP Products)
Background:	Synonyms: Histone RNA hairpin-binding protein, Histone stem-loop-binding protein, SLBP, HBP Tissue Specificity: Widely expressed. Background: Histone RNA hairpin-binding protein is a protein that in human is encoded by the SLBP gene. This gene is mapped to 4p16.3. 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.
Molecular Weight:	40 kDa
Gene ID:	7884
UniProt:	Q14493

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse Immunohistochemistry (Paraffin-embedded Section), 0.5-1 µg/mL, Human, Mouse Immunocytochemistry/Immunofluorescence, 2 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Martin, F., Schaller, A., Eglite, S., Schumperli, D., Muller, B. The gene for histone RNA hairpin binding protein is located on human chromosome 4 and encodes a novel type of RNA binding protein. EMBO J. 16: 769-778, 1997. 2. Tan, D., Marzluff, W. F., Dominski, Z., Tong, L. Structure of histone mRNA stem-loop, human stem-loop binding protein, and 3-prime-hExo ternary complex. Science 339: 318-321, 2013. 3. Wang, Z.-F., Whitfield, M. L., Ingledue, T. C., III, Dominski, Z., Marzluff, W. F. The protein that binds the 3-prime end of histone mRNA: a novel RNA-binding protein required for histone pre-mRNA processing. Genes Dev. 10: 3028-3040, 1996.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized

Handling

Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg 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,-20 °C
Storage Comment:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.