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Datasheet for ABIN2778993

anti-SLBP antibody (Middle Region)





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Overview	
Quantity:	100 μL
Target:	SLBP
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Zebrafish (Danio rerio), Cow, Dog, Rat, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLBP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SLBP
Sequence:	INYGKNTIAY DRYIKEVPRH LRQPGIHPKT PNKFKKYSRR SWDQQIKLWK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against SLBP. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target: SLBP

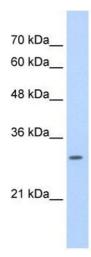
Target Details

Alternative Name:	SLBP (SLBP Products)	
Background:	SLBP 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 o	
	the protein is regulated during the cell cycle, increasing more than 10-fold during the latter par	
	of G1. 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.	
	Alias Symbols: HBP	
	Protein Interaction Partner: UBC, CDK6, CDK4, UPF1, LSM10, ZNF473, USP8, ERI1,	
	Protein Size: 270	
Molecular Weight:	30 kDa	
Gene ID:	7884	
NCBI Accession:	NM_006527, NP_006518	
UniProt:	Q14493	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 270 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %	
	sucrose.	
Preservative:	Sodium azide	

Handling

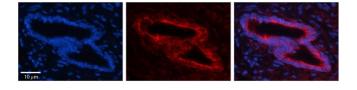
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Avoid repeated freeze-thaw cycles.	
Storage:	-20 °C	
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.	

Images



Western Blotting

Image 1. WB Suggested Anti-SLBP Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate SLBP is supported by BioGPS gene expression data to be expressed in HepG2



Immunohistochemistry

Image 2. Rabbit Anti-SLBP Antibody Formalin Fixed Paraffin Embedded Tissue: Human Bronchial Epithelial Tissue Observed Staining: Cytoplasmic Primary Antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec