



Rabbit Anti-HLTF antibody

SL6107R

Product Name:	HLTF
Chinese Name:	解旋酶样转录因子抗体
Alias:	DNA-binding protein/plasminogen activator inhibitor 1 regulator; Helicase like transcription factor; Helicase-like transcription factor; HIP116; HIP116A; HLTF 1; HLTF; HLTF_HUMAN; HLTF1; p113; RING finger protein 80; RNF80; SMARC A3; SMARCA 3; SMARCA3; SNF2-like 3; SNF2L3; Sucrose nonfermenting protein 2 like 3; Sucrose nonfermenting protein 2-like 3; SWI/SNF related matrix associated actin dependent regulator of chromatin subfamily A member 3; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin a3; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 3; ZBU 1; ZBU1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	114kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human HLTF.:201-300/1009
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed:[PubMed](#)

Has both helicase and E3 ubiquitin ligase activities. Possesses intrinsic ATP-dependent nucleosome-remodeling activity; This activity may be required for transcriptional activation or repression of specific target promoters (By similarity). These may include the SERPINE1 and HIV-1 promoters and the SV40 enhancer, to which this protein can bind directly. Plays a role in error-free postreplication repair (PRR) of damaged DNA and maintains genomic stability through acting as a ubiquitin ligase for 'Lys-63'-linked polyubiquitination of chromatin-bound PCNA.

Function:

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Subunit:

Binds to SP1 and SP3 independent of DNA; the interaction with these transcriptional factors may be required for basal transcription of target genes. Interacts with PCNA; the interaction promotes polyubiquitination of PCNA through association with the UBE2B-RAD18 and UBE2V2-UBE2N ubiquitin ligase complexes. Interacts with RAD18, SHPRH, UBE2V2 and UBE2N.

Product Detail:**Subcellular Location:**

Nucleus.

Tissue Specificity:

Expressed in brain, heart, kidney, liver, lung, pancreas, placenta and skeletal muscle.

Similarity:

Belongs to the SNF2/RAD54 helicase family. RAD16 subfamily.

Contains 1 helicase ATP-binding domain.

Contains 1 helicase C-terminal domain.

Contains 1 RING-type zinc finger.

SWISS:

Q14527

Gene ID:

6596

Database links:

[Entrez Gene: 6596](#)Human

[Entrez Gene: 20585](#)Mouse

[Entrez Gene: 295568](#)Rat

[Omim: 603257](#)Human

[SwissProt: Q14527](#)Human

[SwissProt: Q6PCN7](#)Mouse

[Unigene: 3068](#)Human

[Unigene: 209650](#)Mouse

[Unigene: 161819](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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