



Rabbit Anti-HELLS antibody

SL6014R

Product Name:	HELLS
Chinese Name:	淋巴特异性解旋酶抗体
Alias:	Helicase lymphoid specific; HELLS; HELLS_HUMAN; LSH; Lymphoid specific helicase; Lymphoid-specific helicase; Nbla10143; PASG; Proliferation associated SNF2 like protein; Proliferation-associated SNF2-like protein; SWI/SNF2 related matrix associated actin dependent regulator of chromatin subfamily A member 6 ; SWI/SNF2-related matrix-associated actin-dependent regulator of chromatin subfamily A member 6.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,
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:	97kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SMARCA6/HELLS:3451-550/838
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
Product Detail:	SMARCA6 gene encodes a lymphoid-specific helicase. Other helicases function in

processes involving DNA strand separation, including replication, repair, recombination, and transcription. This protein is thought to be involved with cellular proliferation and may play a role in leukemogenesis.

Function:

Plays an essential role in normal development and survival. Involved in regulation of the expansion or survival of lymphoid cells. Required for de novo or maintenance DNA methylation. May control silencing of the imprinted CDKN1C gene through DNA methylation. May play a role in formation and organization of heterochromatin, implying a functional role in the regulation of transcription and mitosis (By similarity).

Subcellular Location:

Nucleus (By similarity). Note=Closely associated with pericentric heterochromatin (By similarity).

Tissue Specificity:

Highly expressed in proliferative tissues such as adult thymus and testis, and expressed at lower levels in uterus, small intestine, colon, and peripheral blood mononuclear cells. Also expressed in neoplastic cell lines including those derived from myeloid and lymphoid leukemias.

Similarity:

Belongs to the SNF2/RAD54 helicase family.
Contains 1 helicase ATP-binding domain.
Contains 1 helicase C-terminal domain.

SWISS:

Q9NRZ9

Gene ID:

3070

Database links:

[Entrez Gene: 3070](#)Human

[Entrez Gene: 15201](#)Mouse

[GenBank: AAH30963](#)Human

[Omim: 603946](#)Human

[SwissProt: Q9NRZ9](#)Human

[SwissProt: Q60848](#)Mouse

[Unigene: 655830](#)Human

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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