

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.
Research Area	Cell biology immunology
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted: Human, Mouse, Rat, Pig, Cow, Horse,) IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000 (Paraffin sections need antigen repair)
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	97kDa
Cellular localization	The nucleus
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human SMARCA6/HELLS: 451-550/838
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in

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human, therapeutic or diagnostic applications.

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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.

Product Detail

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

[Omic: 603946](#) Human



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[SwissProt: Q9NRZ9](#) Human

[SwissProt: Q60848](#) Mouse

[Unigene: 655830](#) Human