

HELLS Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP5095a**Specification**

HELLS Antibody (N-term) Blocking peptide - Product InformationPrimary Accession
Other Accession[O9NRZ9](#)
[NP_060533](#)**HELLS Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 3070**Other Names**

Lymphoid-specific helicase, 364-, Proliferation-associated SNF2-like protein, SWI/SNF2-related matrix-associated actin-dependent regulator of chromatin subfamily A member 6, HELLS ([HGNC:4861](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=4861))

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

HELLS Antibody (N-term) Blocking peptide - Protein Information**Name** HELLS ([HGNC:4861](#))**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).

Cellular Location

Nucleus. Note=Closely associated with pericentric heterochromatin.

Tissue Location

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.

HELLS Antibody (N-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

HELLS Antibody (N-term) Blocking peptide - Images

HELLS Antibody (N-term) Blocking peptide - Background

HELLS is 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.

HELLS Antibody (N-term) Blocking peptide - References

Zhou, R., et al. Nucleic Acids Res. 37(15):5183-5196(2009) Palmieri, R.T., et al. Cancer Epidemiol. Biomarkers Prev. 17(12):3567-3572(2008) Suzuki, T., et al. Epigenetics 3(5):281-291(2008) Geiman, T.M., et al. Genomics 54(3):477-483(1998)