

HELLS polyclonal antibody

Catalog: BS7887

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

The SNF2 family of helicases are thought to act as transcriptional regulators by their ability to alter the structure of chromatin. One such member, Lymphoid-Specific Helicase (Lsh, also designated Hells for lymphoid-specific DNA helicase), is highly expressed in lymphoid precursor cells in adult animals and is required for the proliferation of peripheral T lymphocytes. Lsh is also expressed in fetal liver and more abundantly in fetal thymus. Lsh protein shows substantial homology to other members of the SNF2 family that are involved in chromatin remodeling and transcription, however does not show similarity to members involved in DNA repair or recombination. The similarity of Lsh to another SNF2 homolog, Mi-2, which functions as a transcriptional silencer in chromatin remodeling, suggests that Lsh may participate in chromatin repression to regulate transcription, rather than chromatin "opening".

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 120 kDa

Swiss-Prot:

Q9NRZ9

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB 1:2000 - 1:5000 IHC 1:50 - 1:200

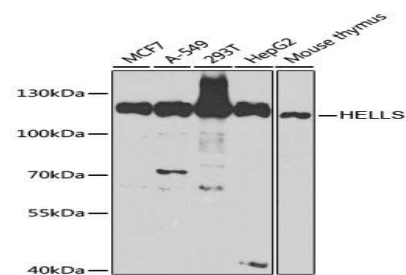
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

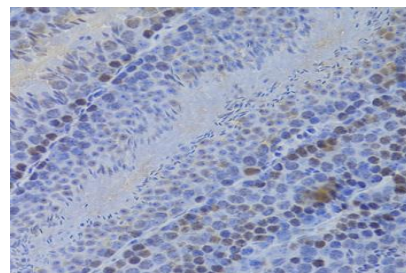
Specificity:

HELLS polyclonal antibody detects endogenous levels of HELLS protein.

DATA:



WesternBlot (WB) analysis of HELLS polyclonal antibody



Western blot analysis of extracts from normal (control) and HELLS knockout (KO) HeLa cells, using HELLS antibody.

Immunohistochemistry of paraffin-embedded mouse testis using HELLS Antibody.

Note:

For research use only, not for use in diagnostic procedure.

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