

Anti-SLFN2/SLFN3/SLFN4(schlafen 2/schlafen 3/schlafen 4) Polyclonal Antibody

Cat. #: 60B948

Description:

The Schlafen (Slfn) family of genes are differentially regulated during thymocyte maturation and are preferentially expressed in the lymphoid tissues. Ectopic expression of the prototype member Slfn1 early in the T lineage profoundly alters cell growth and development. In these mice, the DP thymocytes fail to complete maturation, and, depending on the transgene dosage, the number of thymocytes is reduced to 1%-30% of normal. Furthermore, expression of the Schlafen family members in fibroblasts and thymoma cells either retards or ablates cell growth. The conceptual protein sequences deduced for each of the family members have no similarity to characterized proteins and must therefore participate in a heretofore unknown regulatory mechanism guiding both cell growth and T cell development.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of mouse SLFN2(schlafen 2) or to N-terminal residues of mouse SLFN3(schlafen 3) or to N-terminal residues of mouse SLFN4(schlafen 4)

References

Schwarz,D.A., et al, Immunity 9 (5), 657-668 (1998)
Cohen-Tannoudji,M., et al, Genomics 68 (3), 273-282 (2000)

Species: mouse, rat

Storage and Stability: at -20oC

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1µg/ml for 2hrs)