

SLFN14 Rabbit pAb

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Catalog # AP59175

Product Information

Application	WB
Primary Accession	P0C7P3
Reactivity	Mouse
Predicted	Rat, Pig, Dog, Human, Rabbit, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	103907
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SLFN14
Epitope Specificity	181-280/912
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Schlafen family members are preferentially expressed in lymphoid tissues and are differentially regulated during thymocyte maturation. Schlafen proteins function as suppressors of cell growth and are thought to play a role in the maintenance of T cell quiescence. The prototype member of the Schlafen family, Slfn1, is transcriptionally unregulated during thymocyte positive selection, and the induction of Slfn1 induces a G0/G1 arrest, suggesting that Slfn1 participates in the regulation of cell cycle and potentially acts as a determining factor for apoptosis. These proteins all contain a largely conserved core domain within the center of the sequence, and yet they are substantially diversified at the N terminus. Slfn14 (Schlafen family member 14) is a 912 amino acid protein belonging to the Schlafen family. Slfn14 exists as two alternatively spliced isoforms and is encoded by a gene mapping to human chromosome 17q12.

Additional Information

Gene ID	342618
Other Names	Protein SLFN14, C-terminally truncated SLFN14 endoribonuclease, 3.1.-., SLFN14 (HGNC:32689)
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

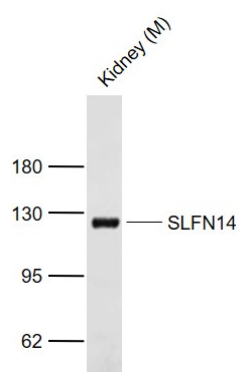
Protein Information

Name	SLFN14 (HGNC:32689)
Function	[Protein SLFN14]: Shows no ribosome-associated and endoribonuclease activities.
Cellular Location	[Protein SLFN14]: Nucleus
Tissue Location	Expressed in megakaryocytes and platelets (at protein level) (PubMed:26280575). Weakly expressed in melanocytes and malignant melanoma cells (PubMed:20956525)

Background

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Images



Sample:

Lane 1: Mouse Kidney tissue lysates

Primary: Anti-SLFN14 (AP59175) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 104 kD

Observed band size: 120 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.