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SLFN12 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17783c

Specification

SLFN12 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q8IYM2
Other Accession	NP_060512.3
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**192-220**

SLFN12 Antibody (Center) - Additional Information

Gene ID 55106

Other Names
Schlafen family member 12, SLFN12

Target/Specificity
This SLFN12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 192-220 amino acids from the Central region of human SLFN12.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
SLFN12 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

SLFN12 Antibody (Center) - Protein Information

Name SLFN12 (HGNC:25500)

Function Ribonuclease which is part of an E2/17beta-estradiol-induced pro-apoptotic signaling pathway. E2 stabilizes the PDE3A/SLFN12 complex in the cytosol, promoting the dephosphorylation of SLFN12 and activating its pro-apoptotic ribosomal RNA/rRNA ribonuclease

activity. This apoptotic pathway might be relevant in tissues with high concentration of E2 and be for instance involved in placenta remodeling (PubMed:31420216, PubMed:35104454, PubMed:34272366, PubMed:34707099). May play a role in cell differentiation (PubMed:30045019).

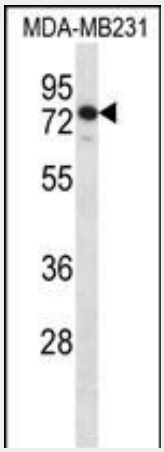
Cellular Location
Nucleus. Cytoplasm, cytosol

SLFN12 Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SLFN12 Antibody (Center) - Images



SLFN12 Antibody (Center) (Cat. #AP17783c) western blot analysis in MDA-MB231 cell line lysates (35ug/lane).This demonstrates the SLFN12 antibody detected the SLFN12 protein (arrow).

SLFN12 Antibody (Center) - Background

Belongs to the Schlafen family.

SLFN12 Antibody (Center) - References

Schwarz, D.A., et al. Immunity 9(5):657-668(1998)