

SLFN12 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS13600**Specification**

SLFN12 Antibody (C-Terminus) - Product Information

Application	WB, IHC
Primary Accession	Q8IYM2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	67kDa KDa

SLFN12 Antibody (C-Terminus) - Additional Information**Gene ID** 55106**Other Names**

Schlafen family member 12, SLFN12

Target/Specificity

Human SLFN12

Format

PBS, 0.02% sodium azide

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

SLFN12 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

SLFN12 Antibody (C-Terminus) - 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

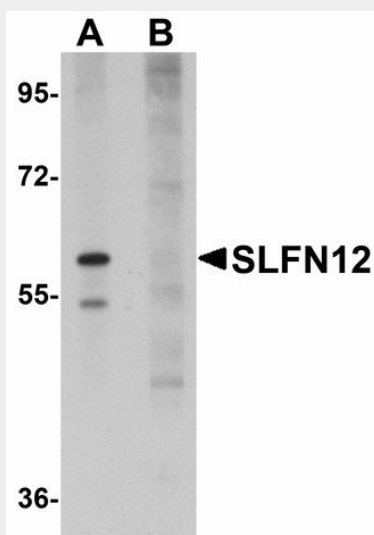
Volume

Array

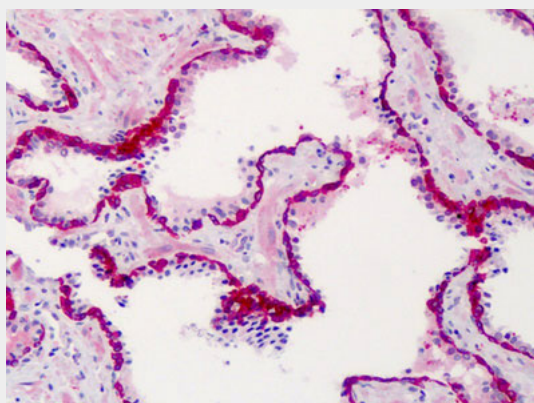
SLFN12 Antibody (C-Terminus) - Protocols

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

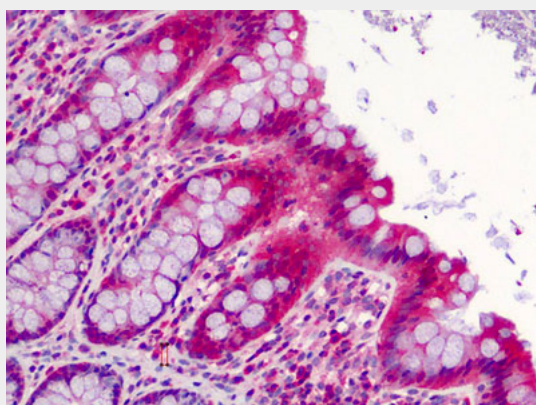
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SLFN12 Antibody (C-Terminus) - Images

Western blot of SLFN12 in SK-N-SH cell lysate with SLFN12 antibody at 1 ug/ml in (A) the absence...



Anti-SLFN12 antibody IHC of human prostate.



Anti-SLFN12 antibody IHC of human colon.

SLFN12 Antibody (C-Terminus) - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).