

SLFN12 (PT0798R) PT™ Rabbit mAb

CatalogNo: YM8893 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- WB,FC

MW

- 64kD (Observed)

Isotype

- IgG,Kappa

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

Recommended Dilution Ratios

WB 1:1000-5000**FC 1:100-300**

Basic Information

Clonality Monoclonal**Clone Number** PT0798R

Immunogen Information

Specificity Endogenous

Target Information

Gene name SLFN12

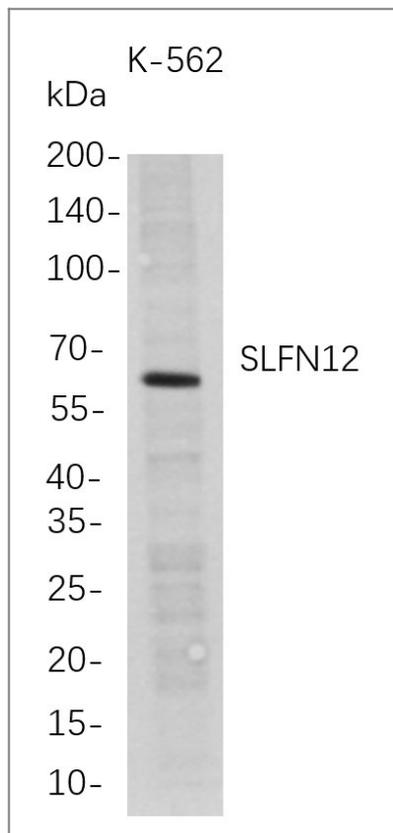
Protein Name Ribonuclease SLFN12;Schlafen family member 12;

Organism	Gene ID	UniProt ID
Human	55106 ;	Q8IYM2 ;

Cellular Localization Nucleus. Cytoplasm, cytosol.

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:34272366, PubMed:34707099, PubMed:35104454). May play a role in cell differentiation (PubMed:30045019). {ECO:0000269|PubMed:30045019, ECO:0000269|PubMed:31420216, ECO:0000269|PubMed:34272366, ECO:0000269|PubMed:34707099, ECO:0000269|PubMed:35104454}.

Validation Data



Western Blot analysis of K-562 whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-SLFN12 rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

Contact information

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