

# SFPQ Rabbit pAb

Catalog No.: A0958 **2 Publications**

## Basic Information

### Observed MW

115kDa

### Calculated MW

76kDa

### Category

Primary antibody

### Applications

ELISA,WB,IHC-P,IF/ICC,IP

### Cross-Reactivity

Human, Mouse, Rat

## Background

Enables DNA binding activity; histone deacetylase binding activity; and protein homodimerization activity. Involved in several processes, including alternative mRNA splicing, via spliceosome; positive regulation of oxidative stress-induced intrinsic apoptotic signaling pathway; and regulation of transcription by RNA polymerase II. Acts upstream of or within double-strand break repair via homologous recombination. Located in chromatin; nuclear matrix; and paraspeckles.

## Recommended Dilutions

|               |  |
|---------------|--|
| <b>WB</b>     | 1:500 - 1:1000   |
| <b>IHC-P</b>  | 1:50 - 1:200   |
| <b>IF/ICC</b> | 1:50 - 1:100   |
| <b>IP</b>     | 0.5µg-4µg antibody for<br>200µg-400µg extracts of<br>whole cells |

## Immunogen Information

### Gene ID

6421

### Swiss Prot

P23246

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 578-707 of human SFPQ (NP\_005057.1).

### Synonyms

PSF; POMP100; PPP1R140; SFPQ

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

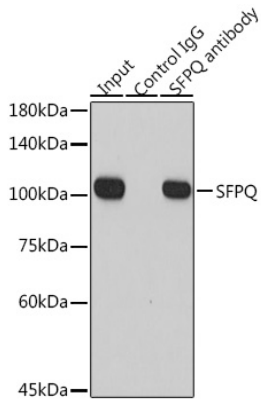
Affinity purification

### Storage

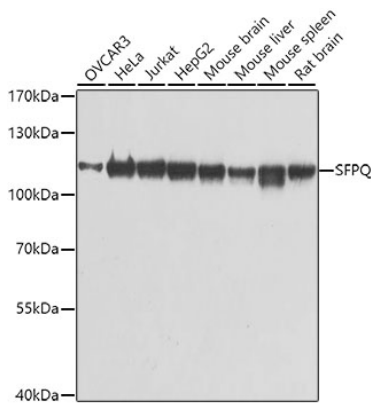
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

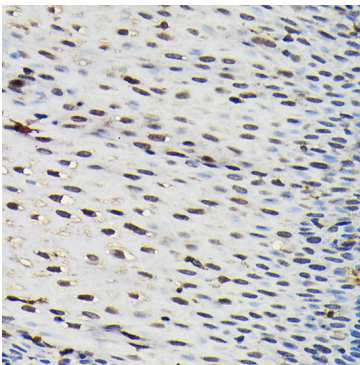
## Validation Data



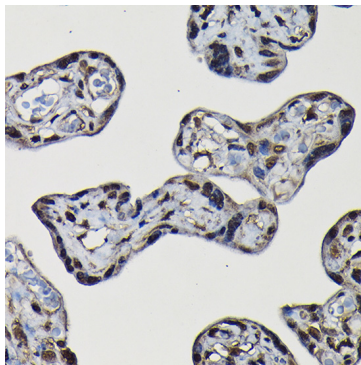
Immunoprecipitation analysis of 300 µg extracts of HeLa cells using 3 µg SFPQ antibody (A0958). Western blot was performed from the immunoprecipitate using SFPQ antibody (A0958) at a dilution of 1:1000.



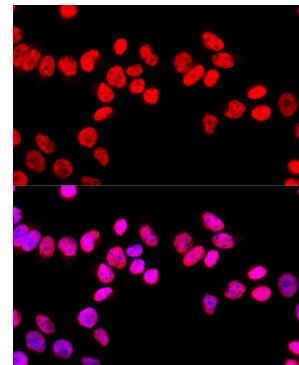
Western blot analysis of various lysates using SFPQ Rabbit pAb (A0958) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



Immunohistochemistry analysis of paraffin-embedded human esophageal using SFPQ Rabbit pAb (A0958) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human placenta using SFPQ Rabbit pAb (A0958) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of HeLa cells using SFPQ Rabbit pAb (A0958) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.