

SFPQ

Reactivity:Human Mouse Rat

Tested applications:WB

Recommended Dilution:WB 1:500 - 1:1000

Calculated MW:76kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human SFPQ

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

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Synonym:

SFPQ;POMP100;PSF ;

Catalog #:A0958

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:6421

Isotype:IgG

Swiss Prot:P23246

Purity:Affinity purification

For research use only.

Background:

SFPQ, also named PSF, encodes a nuclear factor implicated in the splicing and regulation of gene expression. SFPQ probably forms a heteromer with NONO and participates in DNA pairing and DNA break repair program. Very recently SFPQ was identified as a downstream target of tau, complete nuclear depletion and cytoplasmic accumulation of SFPQ were shown in the neurons and astrocytes of brains with Alzheimer's disease (AD), more strikingly, reduced SFPQ levels may progress together with tau pathology, these observation strongly suggests the important role of SFPQ pathology in neurodegenerative diseases including AD. SFPQ protein may appears as 47 kDa, 52 kDa or 100 kDa molecules in various cell types. Catalog# 15585-1-AP is a rabbit polyclonal antibody raised against the N-terminal of human SFPQ.

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