

## SFPQ polyclonal antibody

Catalog: BS91231

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

DNA- and RNA binding protein, involved in several nuclear processes. Essential pre-mRNA splicing factor required early in spliceosome formation and for splicing catalytic step II, probably as a heteromer with NONO. Binds to pre-mRNA in spliceosome C complex, and specifically binds to intronic polypyrimidine tracts. Involved in regulation of signal-induced alternative splicing. Interacts with U5 snRNA, probably by binding to a purine-rich sequence located on the 3' side of U5 snRNA stem 1b. May be involved in a pre-mRNA coupled splicing and polyadenylation process as component of a snRNP-free complex with SNRPA/U1A. The SFPQ-NONO heteromer associated with MATR3 may play a role in nuclear retention of defective RNAs. SFPQ may be involved in homologous DNA pairing; in vitro, promotes the invasion of ssDNA between a duplex DNA and produces a D-loop formation.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

100 kDa

### Swiss-Prot:

P23246(Human) Q8VIJ6(Mouse)

### Purification&Purity:

ProA affinity purified

### Applications:

WB:1:500-1:2,000

IHC:1:50-1:200

ICC:1:10-1:50

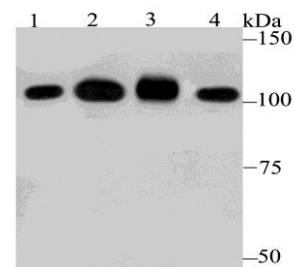
### Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

### Specificity:

SFPQ polyclonal antibody detects endogenous levels of SFPQ protein.

### DATA:



Western blot analysis of SFPQ on different lysates using anti-SFPQ antibody at 1/1,000 dilution.

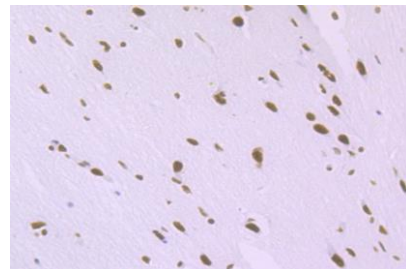
Positive control:

Lane 1: K562

Lane 2: Daudi

Lane 3: Mouse testis

Lane 4: Mouse lung



Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-SFPQ antibody. Counter stained with hematoxylin.

### Note:

For research use only, not for use in diagnostic procedure.

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