

Recombinant

DGRmAb®

SFPQ (DGR19159) Rabbit mAb

db12226

Package : 10µL 20µL 50µL 100µL

Product Name : SFPQ (DGR19159) Rabbit mAb**Cat.No.:** db12226**Synonyms** : PSF; POMP100; PPP1R140**Application** : WB, IHC-P, ICC/IF, FC**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**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. During splicing of PTPRC/CD45, a phosphorylated form is sequestered by THRAP3 from the pre-mRNA in resting T-cells; T-cell activation and subsequent reduced phosphorylation is proposed to lead to release from THRAP3 allowing binding to pre-mRNA splicing regulatory elements which represses exon inclusion.

Immunogen

A synthetic peptide of human SFPQ

Gene ID

6421

Swiss Prot

P23246

Synonyms

PSF; POMP100; PPP1R140

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF, FC

Recommended dilutionWB: 1:2000-1:20000
IHC-P: 1:1000-1:10000
ICC/IF: 1:50-1:100
FC: 1:20-1:50**Calculated MW**

76 kDa

Observed MW

100 kDa

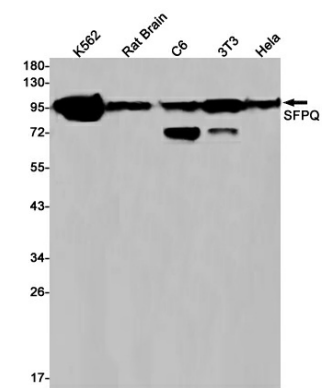
Host species

Rabbit

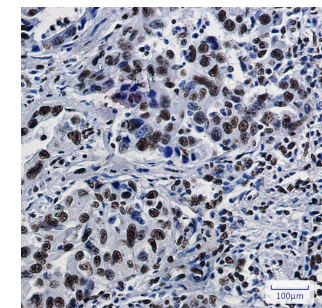
Clonality

Monoclonal

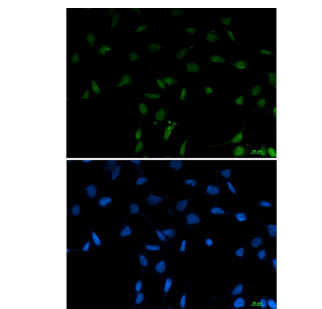
Clonality No.	DGR19159
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of SFPQ in K562,Rat Brain,C6,3T3,Hela cell lysates using SFPQ antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using db12226 antibody.



Immunofluorescent analysis of 293T cells using db12226 antibody (green), and DAPI (blue).