



SFPQ Polyclonal Antibody

Catalog No	YP-Ab-07666
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	SFPQ PSF
Immunogen	Synthesized peptide derived from part region of human protein AA range: 572-622
Specificity	SFPQ Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	100 kDa DNA-pairing protein;DNA-binding p52/p100 complex;100 kDa subunit; Polypyrimidine tract-;SFPQ;SFPQ PSF;Splicing factor;proline- and glutamine-rich (100 kDa DNA-pairing protein) (hPOMP100) (DNA-binding p52/p100 complex;100 kDa subunit) (Polypyrimidine tract-binding protein-associated-splicing factor)
Observed Band	90-100 kDa
Calculated Molecular Weight	76 kDa
Cell Pathway	Nucleus speckle . Nucleus matrix . Cytoplasm . Predominantly in nuclear matrix.
Tissue Specificity	Brain,Epithelium,Fetal brain,Fetal brain cortex,Fetal skele
Function	alternative products:Additional isoforms seem to exist,caution:Was originally (PubMed:2480877) thought to be myoblast cell surface antigen 24.1D5 and a possible membrane-bound protein ectokinase.,disease:A chromosomal aberration involving SFPQ may be a cause of papillary renal cell carcinoma (PRCC). Translocation t(X;1)(p11.2;p34) with TFE3.,function: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 an heteromer with NONO. Binds to pre-mRNA in spliceosome C complex, and specifically binds to intronic polypyrimidine tracts. 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 wi

Background

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matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



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