



# PSF1 Polyclonal Antibody

<b>Catalog No</b>	BYab-05522
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	GIN51 KIAA0186 PSF1
<b>Protein Name</b>	DNA replication complex GINS protein PSF1 (GINS complex subunit 1)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	PSF1 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	21kD
<b>Cell Pathway</b>	Nucleus . Chromosome . Associates with chromatin. .
<b>Tissue Specificity</b>	Bone marrow,Skin,
<b>Function</b>	function:The GINS complex plays an essential role in the initiation of DNA replication, and progression of DNA replication forks. GINS complex seems to bind preferentially to single-stranded DNA. GINS1 is essential for function.,induction:Significantly up-regulated in aggressive melanomas.,mass spectrometry:This is the measured mass for the GINS complex PubMed:17557111,similarity:Belongs to the GINS1/PSF1 family.,subunit:Component of the GINS complex which is a heterotetramer of GINS1, GINS2, GINS3 and GINS4. Forms a stable subcomplex with GINS4. GINS complex interacts with DNA primase in vitro.,
<b>Background</b>	The yeast heterotetrameric GINS complex is made up of Sld5 (GINS4; MIM 610611), Psf1, Psf2 (GINS2; MIM 610609), and Psf3 (GINS3; MIM 610610). The

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formation of the GINS complex is essential for the initiation of DNA replication in yeast and *Xenopus* egg extracts (Ueno et al., 2005 [PubMed 16287864]).[supplied by OMIM, Mar 2008],

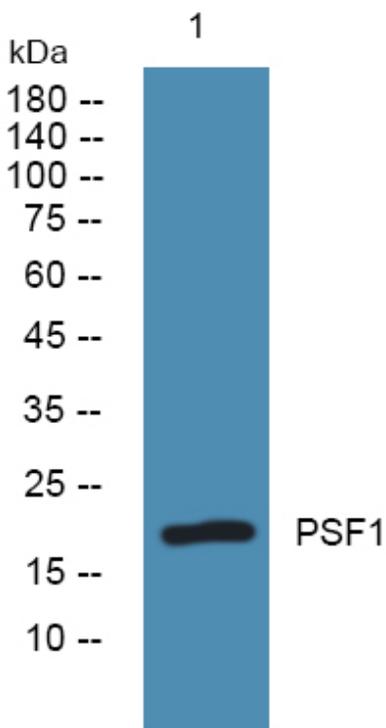
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

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

**Products Images**



Western blot analysis of lysates from PC12 cells, primary antibody was diluted at 1:1000, 4° over night