



PSF1 Polyclonal Antibody

Catalog No	YP-Ab-05522
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	GINS1 KIAA0186 PSF1
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	PSF1 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	RING4;PSF-1;PSF1;EC:7.4.2.14;ATP-binding cassette sub-family B member 2; GINS1 KIAA0186 PSF1;DNA replication complex GINS protein PSF1 (GINs complex subunit 1)
Observed Band	21kD
Calculated Molecular Weight	21kD
Cell Pathway	Nucleus . Chromosome . Associates with chromatin. .
Tissue Specificity	Bone marrow,Skin,
Function	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.,



Background

The yeast heterotetrameric GINS complex is made up of Sld5 (GINS4; MIM 610611), Psf1, Psf2 (GINS2; MIM 610609), and Psf3 (GINS3; MIM 610610). The 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],

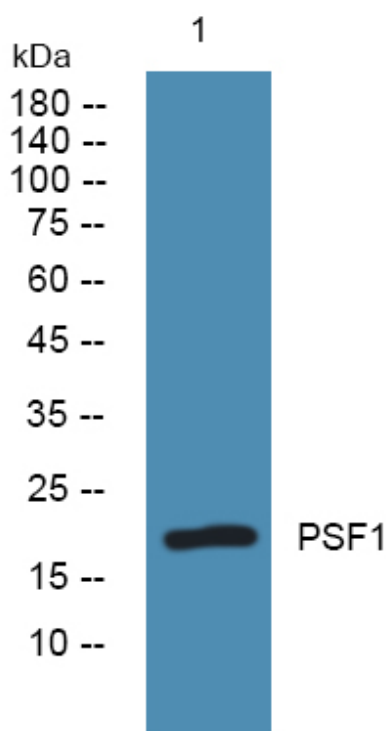
matters needing attention

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