

Datasheet for ABIN7599047
anti-GINS2 antibody (AA 1-185)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	GINS2
Binding Specificity:	AA 1-185
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GINS2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-PSF2/GINS2 Antibody Picoband®
Immunogen:	E.coli-derived human PSF2/GINS2 recombinant protein (Position: M1-F185). Human GINS2 shares 92.4% amino acid (aa) sequence identity with mouse GINS2.
Characteristics:	Anti-PSF2/GINS2 Antibody Picoband® (ABIN7599047). Tested in WB, Flow Cytometry, ELISA applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	GINS2
Alternative Name:	GINS2 (GINS2 Products)
Background:	DNA replication complex GINS protein PSF2 is a protein that in humans is encoded by the GINS2 gene. The yeast heterotetrameric GINS complex is made up of Sld5 (GIN54, MIM 610611), Psf1 (GIN51, MIM 610608), Psf2, and Psf3 (GIN53, MIM 610610). The formation of this complex is essential for the initiation of DNA replication in yeast and Xenopus egg extracts (Ueno et al., 2005 [PubMed 16287864]). See GINS1 for additional information about the GINS complex.
Molecular Weight:	21 kDa
Gene ID:	51659
UniProt:	Q9Y248
Pathways:	DNA Replication, Synthesis of DNA

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10 ⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Takayama, Y., Kamimura, Y., Okawa, M., Muramatsu, S., Sugino, A., Araki, H. GINS, a novel multiprotein complex required for chromosomal DNA replication in budding yeast. Genes Dev. 17: 1153-1165, 2003. 2. Ueno, M., Itoh, M., Kong, L., Sugihara, K., Asano, M., Takakura, N. PSF1 is essential for early embryogenesis in mice. Molec. Cell Biol. 25: 10528-10532, 2005.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and

thawing.