Datasheet for ABIN7599094

anti-GINS3 antibody (AA 1-216)

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Overview

Quantity:	100 µg
Target:	GINS3
Binding Specificity:	AA 1-216
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GINS3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-GINS3 Antibody Picoband®
Immunogen:	E.coli-derived human GINS3 recombinant protein (Position: M1-D216). Human GINS3 shares 89.4% amino acid (aa) sequence identity with mouse GINS3.
Characteristics:	Anti-GINS3 Antibody Picoband® (ABIN7599094). Tested in WB, ICC/IF, 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:	GINS3
Alternative Name:	GINS3 (GINS3 Products)
Background:	This gene encodes a protein subunit of the GINS heterotetrameric complex, which is essential for the initiation of DNA replication and replisome progression in eukaryotes. Alternatively spliced transcript variants encoding distinct isoforms have been described.
Molecular Weight:	25 kDa
Gene ID:	64785

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 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.