

SLD5 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57831

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9BRT9
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26047

Additional Information

Gene ID	84296
Other Names	DNA replication complex GINS protein SLD5, GINS complex subunit 4, DNA replication complex GINS protein SLD5, N-terminally processed, GINS4, SLD5
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	GINS4 (HGNC:28226)
Synonyms	SLD5
Function	Required for correct functioning of the GINS complex, a complex that plays an essential role in the initiation of DNA replication, and progression of DNA replication forks (PubMed: 17417653 , PubMed: 28414293). GINS complex is a core component of CDC45-MCM-GINS (CMG) helicase, the molecular machine that unwinds template DNA during replication, and around which the replisome is built (PubMed: 32453425 , PubMed: 34694004 , PubMed: 34700328 , PubMed: 35585232).
Cellular Location	Nucleus. Chromosome. Cytoplasm {ECO:0000250 UniProtKB:Q99LZ3}. Note=Associates with chromatin

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