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Overview

Quantity:	100 μL
Target:	GINS2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GINS2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human GINS2
Sequence:	VRQQEAHAKL DNLTLMEINT SGTFLTQALN HMYKLRTNLQ PLESTQSQDF
Predicted Reactivity:	Cow: 79%, Dog: 93%, Horse: 86%, Human: 100%, Mouse: 93%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against GINS2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	GINS2
Alternative Name:	GINS2 (GINS2 Products)

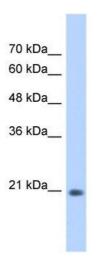
Target Details

Background:	The yeast heterotetrameric GINS complex is made up of SId5, Psf1, Psf2, and Psf3. The
	formation of this complex is essential for the initiation of DNA replication in yeast and Xenopus
	egg extracts. The yeast heterotetrameric GINS complex is made up of SId5 (GINS4, MIM
	610611), Psf1 (GINS1, MIM 610608), Psf2, and Psf3 (GINS3, 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.[supplied by OMIM].
	Alias Symbols: HSPC037, PSF2, Pfs2
	Protein Interaction Partner: GINS4, CNDP2, FERMT2, AHSA1, EIF4H, RPS6KA1, CTSA, PEPD,
	MVD, GSR, EEF2, CASP7, CAPN1, UBC, GINS3, GINS1, FANCF, CHEK2,
	Protein Size: 185
Molecular Weight:	21 kDa
Gene ID:	51659
NCBI Accession:	NM_016095, NP_057179
UniProt:	Q9Y248
Pathways:	DNA Replication, Synthesis of DNA
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 185 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %
	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Imagae	

Images



Western Blotting

Image 1. WB Suggested Anti-GINS2 Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate GINS2 is supported by BioGPS gene expression data to be expressed in HepG2