

Datasheet for ABIN912396

anti-TAP2 antibody (AA 101-185) (HRP)



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Overview

Quantity:	100 µL
Target:	TAP2
Binding Specificity:	AA 101-185
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAP2 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PSF2
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse, Dog, Pig
Purification:	Purified by Protein A.

Target Details

Target:	TAP2
Alternative Name:	PSF2 (TAP2 Products)

Target Details

Background:	Synonyms: GINS complex subunit 2, GINS2, HSPC037, PSF2_HUMAN. Background: The GINS complex is composed of four subunits, encoded by SLD5, PSF1, PSF2, and PSF3. In <i>S. cerevisiae</i>, it was first identified by genetic and biochemical methods to determine factors interacting with Sld5p. Genetic interactions between these four genes also suggest that they act together. The GINS complex was independently isolated in a large scale screen for cell cycle defects. A similar complex is found in <i>Xenopus</i> and has a ring-like structure. In yeast, all four genes are essential and cells defective in SLD5, PSF1, or PSF2 are impaired in their ability to replicate DNA. The complex localizes to origins of DNA replication and Sld5p was previously implicated as functioning in DNA replication due to its genetic interaction with DPB11. Additional genetic and biochemical interactions of the GINS complex with Dpb11p, Dpb2p, and Sld3p suggest that it functions in some way at the replication fork during DNA synthesis.
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Human Leukocyte Antigen (HLA) in Adaptive Immune Response

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months