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Datasheet for ABIN872646  
**anti-TAP2 antibody (AA 101-185)**

### Overview

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

### 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
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## Target Details

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Alternative Name: PSF2 ([TAP2 Products](#))

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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 *S. cerevisiae*, 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 *Xenopus* 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.

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Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#)

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## Application Details

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Application Notes: WB 1:300-5000  
ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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## Handling

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Storage: 4 °C,-20 °C

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Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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Expiry Date: 12 months