

Datasheet for ABIN2805657

**anti-TAP2 antibody (AA 101-185) (AbBy Fluor® 594)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | TAP2                                                                                                                           |
| Binding Specificity: | AA 101-185                                                                                                                     |
| Reactivity:          | Rat                                                                                                                            |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This TAP2 antibody is conjugated to AbBy Fluor® 594                                                                            |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (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 ( <a href="#">TAP2 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | <p>Synonyms: GINS complex subunit 2, GINS2, HSPC037, PSF2_HUMAN.</p> <p>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.</p> |
| Pathways:   | <p><a href="#">Regulation of Leukocyte Mediated Immunity</a>, <a href="#">Positive Regulation of Immune Effector Process</a>, <a href="#">Human Leukocyte Antigen (HLA) in Adaptive Immune Response</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## Application Details

|                    |                                                                             |
|--------------------|-----------------------------------------------------------------------------|
| Application Notes: | <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> |
| Restrictions:      | <p>For Research Use only</p>                                                |

## Handling

|                    |                                                                                                                           |
|--------------------|---------------------------------------------------------------------------------------------------------------------------|
| Format:            | <p>Liquid</p>                                                                                                             |
| Concentration:     | <p>1 µg/µL</p>                                                                                                            |
| Buffer:            | <p>Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.</p>        |
| Preservative:      | <p>ProClin</p>                                                                                                            |
| Precaution of Use: | <p>This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.</p> |
| Storage:           | <p>-20 °C</p>                                                                                                             |
| Storage Comment:   | <p>Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.</p>                                  |
| Expiry Date:       | <p>12 months</p>                                                                                                          |