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Datasheet for ABIN3029276

## anti-TSACC/C1orf182 antibody (Middle Region)

### 5 Images

#### Overview

Quantity:	100 µg
Target:	TSACC/C1orf182 (TSACC)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSACC/C1orf182 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

#### Product Details

Immunogen:	An amino acid sequence from the middle region of human SIAH Interacting Protein (NTRWDYLTQVEKECKE) was used as the immunogen for this SIP antibody (100% homologous in human, mouse and rat).
Isotype:	IgG
Purification:	Antigen affinity

#### Target Details

Target:	TSACC/C1orf182 (TSACC)
Alternative Name:	SIP ( <a href="#">TSACC Products</a> )
Background:	CACYBP (Calcyclin-binding protein), also called SIP (SIAH Interacting Protein), is a protein that

## Target Details

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in humans is encoded by the CACYBP gene. The full-length SIP cDNA encodes a predicted 228-amino acid protein. Sequence analysis of the shortest cDNA derived by 2-hybrid screening revealed an 8-amino acid difference in the deduced open reading frame followed by a stop codon, resulting in a predicted 80-amino acid protein, SIP-short (SIPS). The CACYBP gene is mapped on 1q25.1. It may be involved in calcium-dependent ubiquitination and subsequent proteosomal degradation of target proteins. It probably serves as a molecular bridge in ubiquitin E3 complexes and participates in the ubiquitin-mediated degradation of beta-catenin. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene. The C-terminal region of SIP that is homologous to SGT1 was able to complement defects in yeast strains containing SGT1 mutant alleles, demonstrating conservation of SGT1 and SIP protein function.

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UniProt: [Q9HB71](#)

## Application Details

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Application Notes: The stated application concentrations are suggested starting amounts. Titration of the SIP antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL,Immunocytochemistry: 0.5-1 µg/mL

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Restrictions: For Research Use only

## Handling

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Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

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Storage: -20 °C

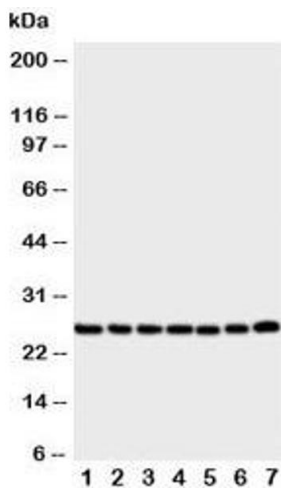
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Storage Comment: After reconstitution, the SIP antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.



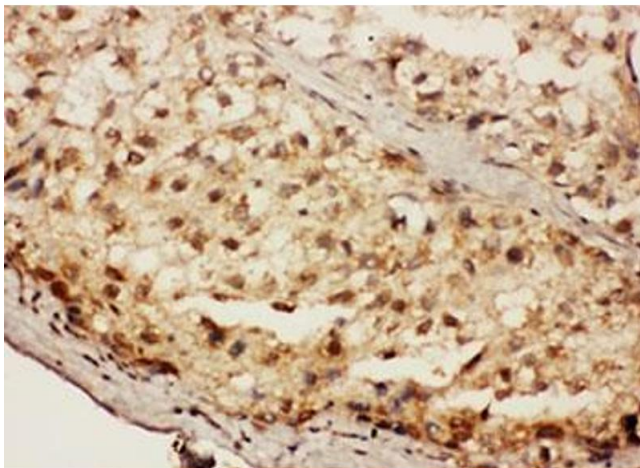
### Immunocytochemistry

**Image 1.** ICC: A549 cells



### Western Blotting

**Image 2.** Western blot testing of SIP antibody and Lane 1: rat liver ; 2: (r) brain; 3: (r) spleen; 4: human SMMC-7721; 5: (h) COLO320; 6: (h) SW620; 7: (h) 293T cell lysate



### Immunohistochemistry

**Image 3.** IHC testing of FFPE human liver cancer tissue with SIP antibody. HIER: boil sections in pH6 citrate buffer for 20 min and allow to cool before staining.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3029276.