10320 Camino Santa Fe, Suite G
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# STIP1 Antibody (Center)
**Purified Rabbit Polyclonal Antibody (Pab)**
**Catalog # AP2817c**

## Specification

### STIP1 Antibody (Center) - Product Information

| | |
|---|---|
| Application | **WB, IHC-P, FC,E** |
| Primary Accession | P31948 |
| Other Accession | O35814, Q60864, O54981, Q3ZBZ8, Q7ZWU1 |
| Reactivity | **Human** |
| Predicted | **Bovine, Hamster, Mouse, Rat, Xenopus** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Isotype | **Rabbit IgG** |
| Calculated MW | **62639** |
| Antigen Region | **269-297** |

### STIP1 Antibody (Center) - Additional Information

**Gene ID** 10963

**Other Names**
Stress-induced-phosphoprotein 1, STI1, Hsc70/Hsp90-organizing protein, Hop, Renal carcinoma antigen NY-REN-11, Transformation-sensitive protein IEF SSP 3521, STIP1

**Target/Specificity**
This STIP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 269-297 amino acids from the Central region of human STIP1.

**Dilution**
WB~~1:1000
IHC-P~~1:50~100
FC~~1:10~50

**Format**
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

**Storage**
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**
STIP1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

### STIP1 Antibody (Center) - Protein Information

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**Name** STIP1 (HGNC:11387)

**Function** Acts as a co-chaperone for HSP90AA1 (PubMed:27353360). Mediates the association of the molecular chaperones HSPA8/HSC70 and HSP90 (By similarity).

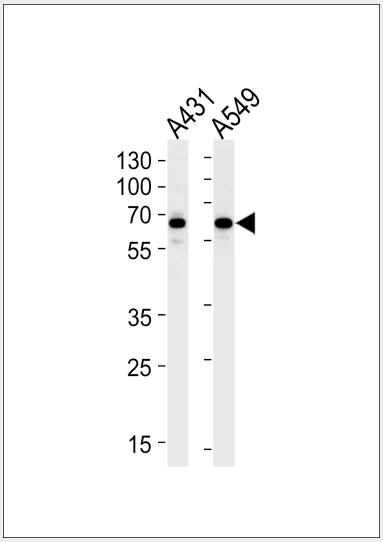
**Cellular Location**
Cytoplasm {ECO:0000250|UniProtKB:Q60864}. Nucleus {ECO:0000250|UniProtKB:Q60864}. Dynein axonemal particle {ECO:0000250|UniProtKB:Q7ZWU1}

## STIP1 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

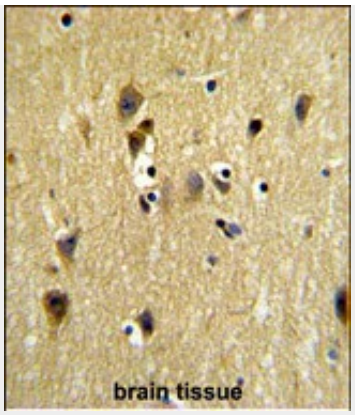
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## STIP1 Antibody (Center) - Images

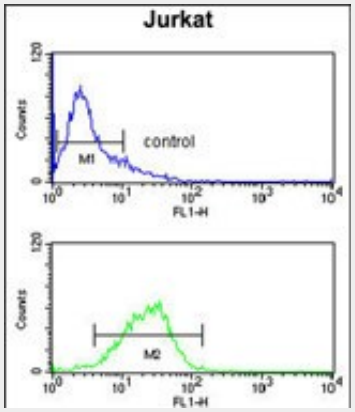



STIP1 Antibody (Center) (Cat.# AP2817c) western blot analysis in A431,A549 cell line lysates (35ug/lane).This demonstrates the STIP1 antibody detected the STIP1 protein (arrow).

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Formalin-fixed and paraffin-embedded human testis tissue reacted with STIP1 Antibody (Center) (Cat.# AP2817c), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.




STIP1 Antibody (Center) (Cat. #AP2817c) flow cytometry analysis of Jurkat cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

**STIP1 Antibody (Center) - Background**

STIP1 mediates the association of the molecular chaperones HSC70 and HSP90 (HSPCA and HSPCB).

**STIP1 Antibody (Center) - References**

Onuoha,S.C., J. Mol. Biol. 379 (4), 732-744 (2008) Erlich,R.B., Glia 55 (16), 1690-1698 (2007)