

**STIP1 Antibody (Center)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AW5230**

**Specification**

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**STIP1 Antibody (Center) - Product Information**

Application	WB, IHC-P, FC,E
Primary Accession	<a href="#">P31948</a>
Other Accession	<a href="#">O35814</a> , <a href="#">O60864</a> , <a href="#">O54981</a> , <a href="#">O3ZBZ8</a>
Reactivity	Human
Predicted	Bovine, Hamster, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	H=63;M=63;Rat=63 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

**STIP1 Antibody (Center) - Additional Information**

**Gene ID** 10963

**Antigen Region**  
269-297

**Other Names**

STIP1; Stress-induced-phosphoprotein 1; Hsc70/Hsp90-organizing protein; Renal carcinoma antigen NY-REN-11; Transformation-sensitive protein IEF SSP 3521

**Dilution**

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

**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.

**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

Name STIP1 ([HGNC:11387](#))

### Function

Acts as a co-chaperone for HSP90AA1 (PubMed:<a href="http://www.uniprot.org/citations/27353360" target="\_blank">27353360</a>). Mediates the association of the molecular chaperones HSPA8/HSC70 and HSP90 (By similarity).

### Cellular Location

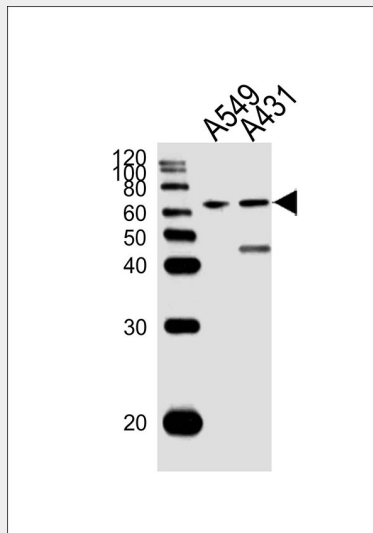
Cytoplasm {ECO:0000250|UniProtKB:Q60864}. Nucleus {ECO:0000250|UniProtKB:Q60864}. Dynein axonemal particle {ECO:0000250|UniProtKB:Q7ZWU1}

## STIP1 Antibody (Center) - Protocols

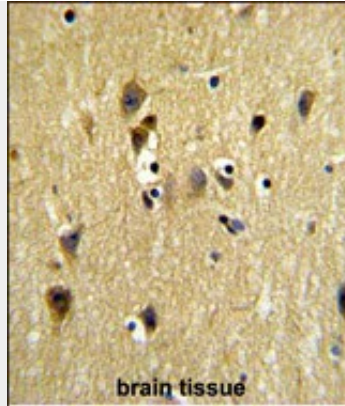
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

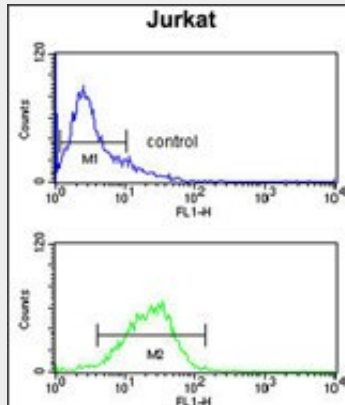
## STIP1 Antibody (Center) - Images



Western blot analysis of lysates from A549,A431 cell line (from left to right), using STIP1 Antibody (Center)(Cat. #AW5230). AW5230 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.



Formalin-fixed and paraffin-embedded human testis tissue reacted with STIP1 Antibody (Center) (Cat.# AW5230), 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. #AW5230) 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)