

**STIP1 Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP2817b**

**Specification**

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**STIP1 Antibody (C-term) - Product Information**

Application	WB, FC,E
Primary Accession	<a href="#">P31948</a>
Other Accession	<a href="#">O35814</a> , <a href="#">O60864</a> , <a href="#">O4R8N7</a> , <a href="#">O54981</a> , <a href="#">O3ZBZ8</a>
Reactivity	Human, Mouse
Predicted	Bovine, Hamster, Monkey, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	62639
Antigen Region	461-488

**STIP1 Antibody (C-term) - 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 461-488 amino acids from the C-terminal region of human STIP1.

**Dilution**

WB~~1:1000  
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 (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**STIP1 Antibody (C-term) - Protein Information**

**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

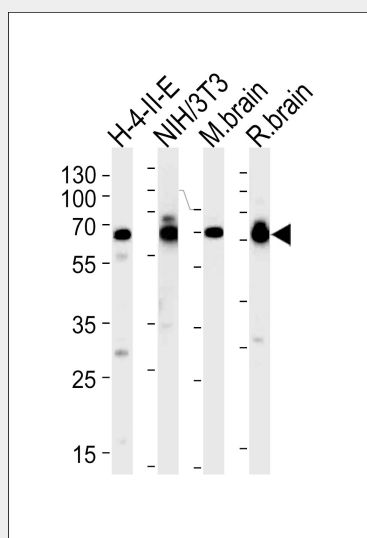
Cytoplasm {ECO:0000250|UniProtKB:Q60864}. Nucleus {ECO:0000250|UniProtKB:Q60864}. Dynein axonemal particle {ECO:0000250|UniProtKB:Q7ZWU1}

#### STIP1 Antibody (C-term) - Protocols

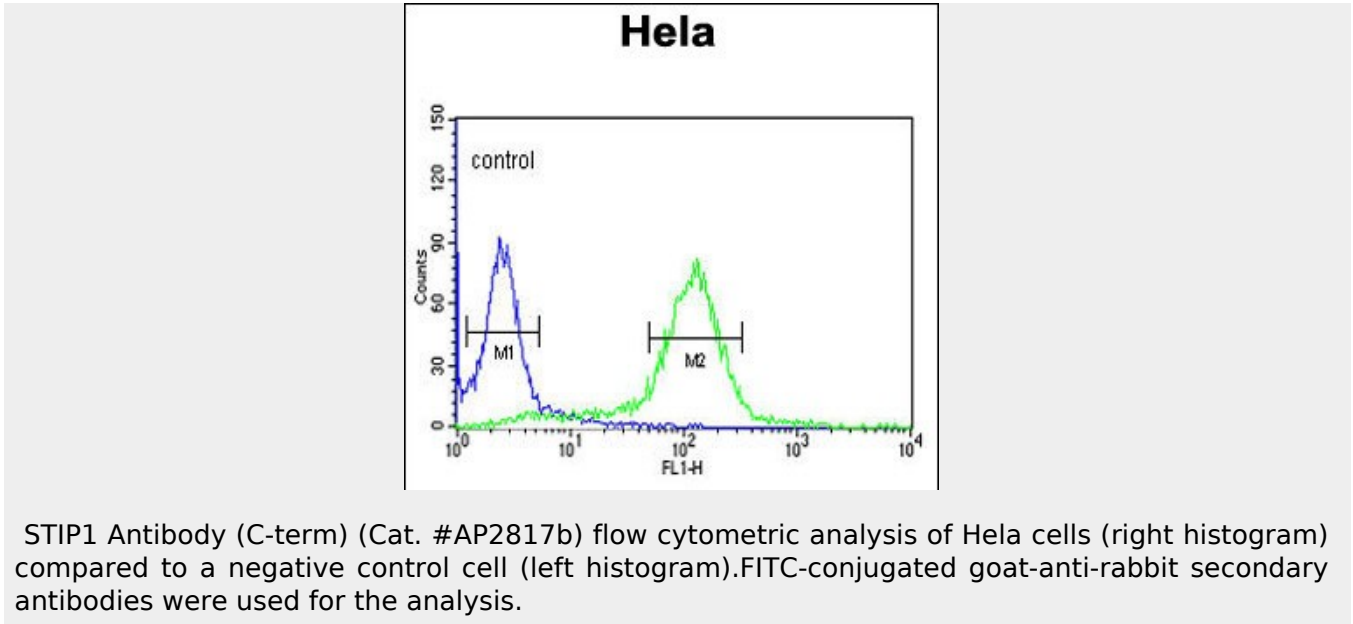
Provided below are standard protocols that you may find useful for product applications.

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

#### STIP1 Antibody (C-term) - Images



Western blot analysis of lysates from H-4-II-E, mouse NIH/3T3 cell line, mouse brain and rat brain tissues (from left to right), using STIP1 Antibody (C-term) (Cat. #AP2817b). AP2817b was diluted at 1:1000 at each lane. A goat anti-rabbit (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



STIP1 Antibody (C-term) (Cat. #AP2817b) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### **STIP1 Antibody (C-term) - Background**

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

#### **STIP1 Antibody (C-term) - References**

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

#### **STIP1 Antibody (C-term) - Citations**

- [CADENCE - Neuroinformatics Tool for Supervised Calcium Events Detection](#)
- [Increased expression of stress inducible protein 1 in glioma-associated microglia/macrophages.](#)