

# STIP1 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP2817b

## Product Information

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<b>Application</b>	FC, WB, E
<b>Primary Accession</b>	<a href="#">P31948</a>
<b>Other Accession</b>	<a href="#">Q35814</a> , <a href="#">Q60864</a> , <a href="#">Q4R8N7</a> , <a href="#">O54981</a> , <a href="#">Q3ZBZ8</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Predicted</b>	Bovine, Hamster, Monkey, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB17354
<b>Calculated MW</b>	62639
<b>Antigen Region</b>	461-488

## Additional Information

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<b>Gene ID</b>	10963
<b>Other Names</b>	Stress-induced-phosphoprotein 1, STI1, Hsc70/Hsp90-organizing protein, Hop, Renal carcinoma antigen NY-REN-11, Transformation-sensitive protein IEF SSP 3521, STIP1
<b>Target/Specificity</b>	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.
<b>Dilution</b>	FC~~1:10~50 WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	STIP1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	STIP1 ( <a href="#">HGNC:11387</a> )
<b>Function</b>	Acts as a co-chaperone for HSP90AA1 (PubMed: <a href="#">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}

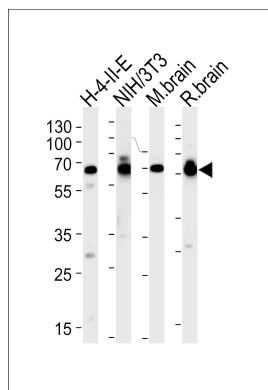
## Background

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

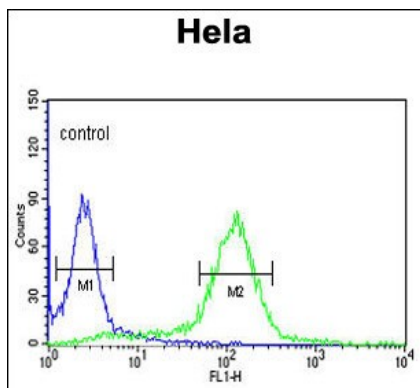
## References

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

## 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.

## Citations

- [Increased expression of stress inducible protein 1 in glioma-associated microglia/macrophages.](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.