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STIP1 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP2817b

Product Information

Application	FC, WB, E
Primary Accession	P31948
Other Accession	O35814, Q60864, Q4R8N7, O54981, Q3ZBZ8
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Hamster, Monkey, Rat, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB17354
Calculated MW	62639
Antigen Region	461-488

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	FC~~1:10~50 WB~~1:1000 E~~Use at an assay dependent concentration.
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.

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}

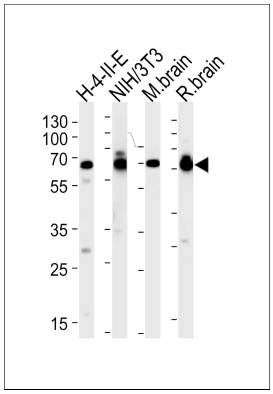
Background

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

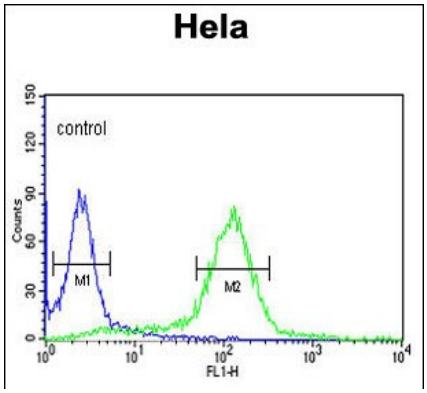
References

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.
- CADENCE - Neuroinformatics Tool for Supervised Calcium Events Detection

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