

STIP1 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP2817c

Product Information

Application	IHC-P, FC, WB, E
Primary Accession	P31948
Other Accession	Q35814 , Q60864 , O54981 , Q3ZBZ8
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Hamster, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	62639
Antigen Region	269-297

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	IHC-P~~1:100~500 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 (Center) 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}

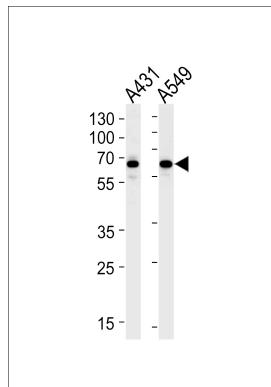
Background

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

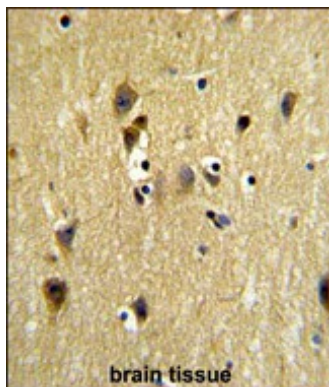
References

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

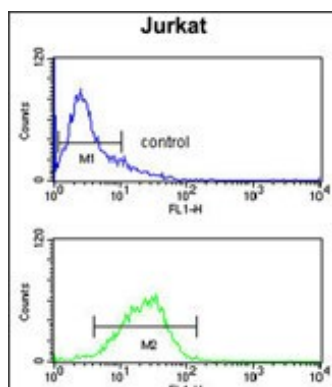
Images



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).



Formalin-fixed and paraffin-embedded human testis tissue reacted with CNOT4 Antibody, 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.

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