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STIP1 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5230

Product Information

Application	IHC-P, FC, WB
Primary Accession	P31948
Other Accession	O35814, Q60864, O54981, Q3ZBZ8
Reactivity	Mouse, Rat, Human
Predicted	Mouse, Rat, Hamster, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62639
Isotype	Rabbit IgG
Antigen Source	HUMAN

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	IHC-P~~1:100~500 FC~~1:10~50 WB~~1:1000
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.

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}

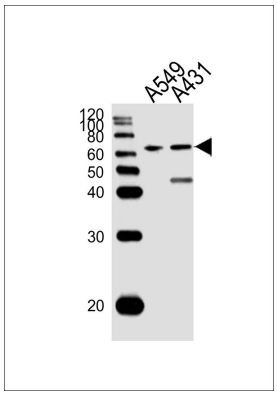
Background

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

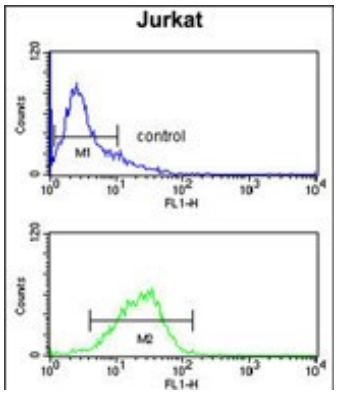
References

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

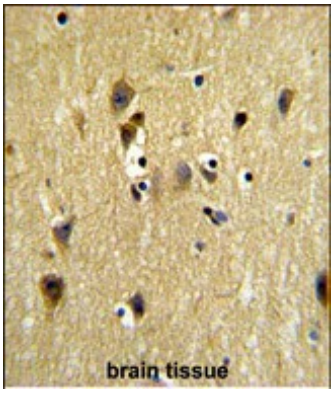
Images



Western blot analysis of lysates from 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.



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.



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.

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