

STIP1/STI1 Rabbit mAb

Catalog # AP76126

Product Information

Application	WB, IHC-P, FC
Primary Accession	P31948
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	62639

Additional Information

Gene ID	10963
Other Names	STIP1
Dilution	WB~~1:1000-1:5000 IHC-P~~N/A FC~~1:20-1:50
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

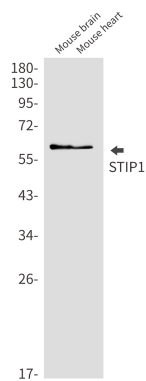
Name	STIP1 (HGNC:11387)
Function	Acts as a co-chaperone for HSP90AA1 (PubMed: 27353360). Mediates the association of the molecular chaperones HSPA8/HSC70 and HSP90 (By similarity).
Cellular Location	Cytoplasm {ECO:0000250 UniProtKB:Q60864}. Nucleus {ECO:0000250 UniProtKB:Q60864}. Dynein axonemal particle {ECO:0000250 UniProtKB:Q7ZWU1}

Background

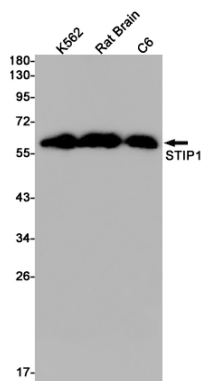
STIP1 is an adaptor protein that coordinates the functions of HSP70 (see HSPA1A; MIM 140550) and HSP90 (see HSP90AA1; MIM 140571) in protein folding. It is thought to assist in the transfer of proteins from HSP70 to HSP90 by binding both HSP90 and substrate-bound HSP70. STIP1 also stimulates the ATPase activity of

HSP70 and inhibits the ATPase activity of HSP90, suggesting that it regulates both the conformations and ATPase cycles of these chaperones (Song and Masison, 2005 [PubMed 16100115]).

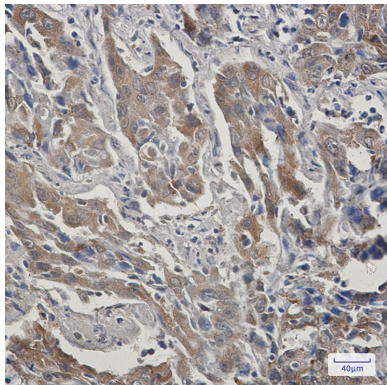
Images



Western blot analysis of STIP1 in mouse brain, mouse heart lysates using STIP1 antibody.



Western blot analysis of STIP1 in K562, rat Brain, C6 lysates using STIP1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using STIP1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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