



Rabbit Anti-Human STIP1 Polyclonal Antibody (CABT-L2214)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Stress Induced Phosphoprotein 1 (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against STIP1. It has been selected for its ability to recognize STIP1 in immunohistochemical staining and western blotting.
Target	STIP1
Immunogen	Recombinant fragment corresponding to human STIP1 (Met1~Lys169)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Bovine
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	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]).[supplied by OMIM, Jul 2009]
Keywords	HOP;P60;IEF-SSP-3521;STI1L;Hsp70/Hsp90-Organizing Protein;Renal carcinoma antigen NY-REN-11;Transformation-sensitive protein IEF SSP 3521

GENE INFORMATION

Gene Name	STIP1 stress-induced phosphoprotein 1 [Homo sapiens (human)]
Official Symbol	STIP1
Synonyms	STIP1; stress-induced phosphoprotein 1; HOP; P60; STI1; STI1L; HEL-S-94n; IEF-SSP-3521; stress-induced-phosphoprotein 1; NY-REN-11 antigen; Hsp70/Hsp90-organizing protein; hsc70/Hsp90-organizing protein; renal carcinoma antigen NY-REN-11; transformation-sensitive protein IEF SSP 3521; epididymis secretory sperm binding protein Li 94n;
Entrez Gene ID	10963
Protein Refseq	NP_001269581
UniProt ID	P31948
Chromosome Location	11q13
Pathway	Prion diseases;
Function	poly(A) RNA binding; protein binding;