

STIP1/HOP Rabbit pAb

Cat No.:ES20870

For research use only

Overview

Product Name	STIP1/HOP Rabbit pAb
Host species	Rabbit
Applications	IHC;WB
Species Cross-Reactivity	Human; Mouse;Rat
Recommended dilutions	IHC-p1:50-200 ,WB 1:1000-2000
Immunogen	Synthesized peptide derived from human STIP1/HOP AA range: 250-300
Specificity	This antibody detects endogenous levels of STIP1/HOP at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	STIP1/HOP
Gene Name	STIP1
Cellular localization	Cytoplasm . Nucleus . Dynein axonemal particle .
Purification	The antibody was affinity-purified from rabbit
	antiserum by affinity-chromatography using
	epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	64kD
Human Gene ID	10963
Human Swiss-Prot Number	P31948
Alternative Names	Stress-induced-phosphoprotein 1 (STI1)
	(Hsc70/Hsp90-organizing protein) (Hop) (Renal
	carcinoma antigen NY-REN-11)
	(Transformation-sensitive protein IEF SSP 3521)
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 hinding both
	HSP90 and substrate-bound HSP70. STIP1 also



+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C



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],

Western blot analysis of 1)Hela Cell, 2) 293T Cell, 3)Mouse Brain Tissue, 4) Rat Brain Tissue Lysate using STIP1/HOPRabbit polyclonal Antibody diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).





+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C