

STIP1/HOP Rabbit Polyclonal Antibody

Catalog	TDY1089C	TDY1089F	Tel: 010-80117836
			Web: www.tdybio.com
Quantity	50μL	100μL	Entrez-Gene ID#10963 , Swiss-Prot Acc.#P31948

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB	H, R, M	~64KD	IgG

Storage Buffer & Condition: PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.
Store at **-20°C. Do not aliquot the antibody.**

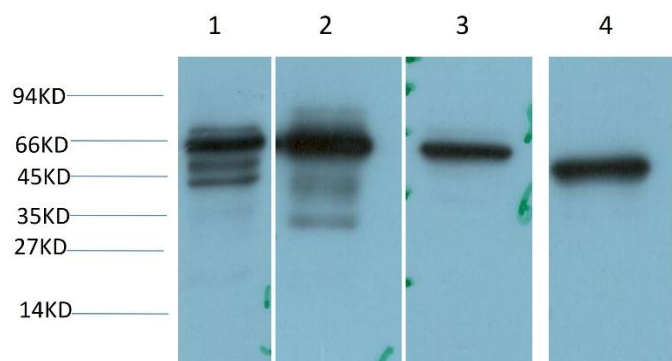
Recommended dilutions:WB: 1:2,000-5,000

Optimal dilutions should be determined by the end user.

Specificity:Antibody can detects Human endogenous STIP1/HOP proteins.

Alternative Names: Hop,HSC70/HSP90 organizing protein,p60,HELS 94n, STI1,STIP1, Stress induced phosphoprotein 1

Background: Stress induced phosphoprotein 1(STIP1) Homo sapiens 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.



Western blot analysis of 1)HeLa Cell, 2) 293T Cell, 3)Mouse Brain Tissue, 4) Rat Brain Tissue Lysate using STIP1/HOP (TDY1089) Rabbit polyclonal Antibody diluted at 1:2,000.