

ARG59264 anti-STIP1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes STIP1
Tested Reactivity	Hu, Ms, Rat
Predict Reactivity	Bov, Hm, Mk
Tested Application	FACS, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	STIP1
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 461-488 (C-terminus) of Human STIP1.
Conjugation	Un-conjugated
Alternate Names	P60; Hop; IEF-SSP-3521; Renal carcinoma antigen NY-REN-11; HEL-S-94n; Hsc70/Hsp90-organizing protein; HOP; STI1L; Transformation-sensitive protein IEF SSP 3521; Stress-induced-phosphoprotein 1; STI1

Application Instructions

Application table	Application	Dilution
	FACS	1:10 - 1:50
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse brain	
Observed Size	~ 65 kDa	

Properties

Form	Liquid
Purification	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

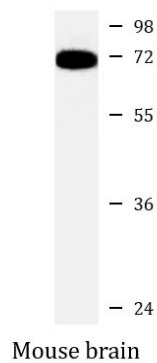
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

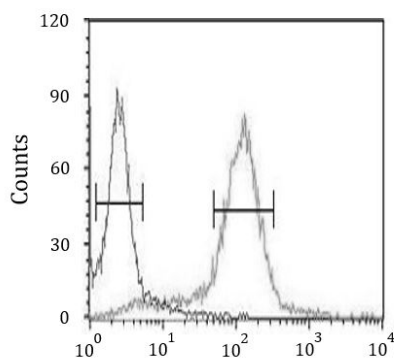
Gene Symbol	STIP1
Gene Full Name	stress-induced phosphoprotein 1
Background	STIP1 is an adaptor protein that coordinates the functions of HSP70 (see HSPA1A; MIM 140550) and HSP90 (see HSP90AA1; MIM 140571) in protein folding. It is thought to assist in the transfer of proteins from HSP70 to HSP90 by 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]).[supplied by OMIM, Jul 2009]
Function	Mediates the association of the molecular chaperones HSC70 and HSP90 (HSPCA and HSPCB). [UniProt]
Calculated Mw	63 kDa
Cellular Localization	Cytoplasm. Nucleus. [UniProt]

Images



ARG59264 anti-STIP1 antibody WB image

Western blot: 35 µg of Mouse brain lysate stained with ARG59264 anti-STIP1 antibody at 1:1000 dilution.



ARG59264 anti-STIP1 antibody FACS image

Flow Cytometry: HeLa cells stained with ARG59264 anti-STIP1 antibody (right histogram) or without primary antibody as control (left histogram), followed by incubation with FITC labelled secondary antibody.