

# STIP1 rabbit monoclonal antibody

Catalog # H00010963-K      Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human STIP1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human STIP1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human STIP1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — STIP1

Entrez GeneID	<a href="#">10963</a>
GeneBank Accession#	<a href="#">STIP1</a>
Gene Name	STIP1
Gene Alias	HOP, IEF-SSP-3521, P60, STI1, STI1L
Gene Description	stress-induced-phosphoprotein 1
Omim ID	<a href="#">605063</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	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 Ma sison, 2005 [PubMed 16100115]).[supplied by OMIM]
Other Designations	Hsp70/Hsp90-organizing protein stress-induced-phosphoprotein 1 (Hsp70/Hsp90-organizing protein)

## Pathway

- [Prion diseases](#)

## Disease

- [Asthma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian cancer](#)