

## STIP1 Conjugated Antibody

Catalog No: #C32236



Package Size: #C32236-AF350 100ul #C32236-AF405 100ul #C32236-AF488 100ul  
 #C32236-AF555 100ul #C32236-AF594 100ul #C32236-AF647 100ul  
 #C32236-AF680 100ul #C32236-AF750 100ul #C32236-Biotin 100ul

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## Description

Product Name	STIP1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total STIP1 protein.
Immunogen Description	Recombinant protein of human STIP1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	STIP1;HOP;IEF-SSP-3521;P60;ST11
Accession No.	Swiss-Prot#:P31948NCBI Gene ID:10963
Uniprot	P31948
GeneID	10963;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	63
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Product Description

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Antibodies were purified by affinity purification using immunogen.

## Background

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HOP, also known as stress-induced phospho protein 1 (STIP), is a co-chaperone to the major heat shock proteins, Hsp70 and Hsp90, and appears in early receptor complexes (1,2). Through mutual binding to both Hsp70 and Hsp90, Hop functions as an adaptor that can integrate Hsp70 and Hsp90 interactions (3,4). HOP is an abundant and highly conserved protein which is composed of three tetratricopeptide repeat (TPR) domains (TPR1, TPR2a and TPR2b) and two DP repeat domains (DP1 and DP2), whose function has not been fully resolved (5).

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Note: This product is for in vitro research use only