

## Product datasheet for **TA339303**

### STIP1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-STIP1 antibody: synthetic peptide directed towards the C terminal of human STIP1. Synthetic peptide located within the following region: YQKALDLDSSCKEAADGYQRCMMAQYNRHDSPELVKRRAMADPEVQQIMS
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	63 kDa
Gene Name:	stress induced phosphoprotein 1
Database Link:	<a href="#">NP_006810</a> <a href="#">Entrez Gene 10963 Human P31948</a>



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**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]. Transcript Variant: This variant (2) uses an alternate 5' terminal exon and thus differs in the 5' UTR and 5' coding region, and uses an alternate start codon, compared to variant 1. The encoded isoform (b) has a distinct N-terminus and is shorter than isoform a. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Gene record to access additional publications. ##Evidence-Data-START## Transcript exon combination :: BC002987.1, M86752.1 [ECO:0000332] RNAseq introns :: single sample supports all introns ERS025081, ERS025082 [ECO:0000348] ##Evidence-Data-END## COMPLETENESS: complete on the 3' end.

**Synonyms:**

HEL-S-94n; HOP; IEF-SSP-3521; P60; STI1; STI1L

**Note:**

Immunogen Sequence Homology: Dog: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Pig: 93%; Guinea pig: 93%; Zebrafish: 90%

**Protein Families:**

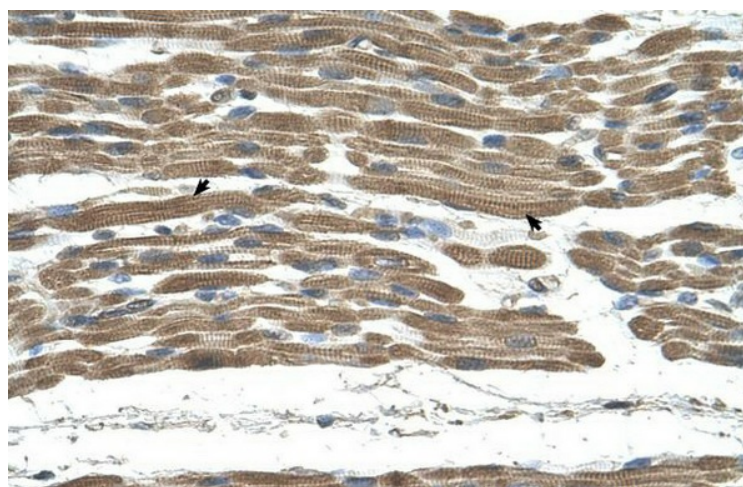
Stem cell - Pluripotency

**Protein Pathways:**

Prion diseases

**Product images:**

WB Suggested Anti-STIP1 Antibody Titration: 1.25 ug/ml; Positive Control: Jurkat cell lysate. STIP1 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



Human Muscle