

## Rabbit anti-Human STIP1 Polyclonal Antibody | anti-STIP1 antibody

STIP1 antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                           |
|-----------|--------|------------|--------------------------------------------------------|
| AAA308230 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

STIP1; Polyclonal Antibody; STIP1 antibody; HOP; IEF-SSP-3521; P60; STI1; STI1L; anti-STIP1 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                 |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                          |
| Reactivity                                      | Human                                                                                                           |
| Clonality                                       | Polyclonal                                                                                                      |
| Purity/Purification                             | Purified by antigen-affinity chromatography.                                                                    |
| Form/Format                                     | Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.  |
| Sequence Length                                 | 543                                                                                                             |
| Applicable Applications for anti-STIP1 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                          |
| Immunogen Type                                  | Recombinant protein                                                                                             |
| Immunogen Description                           | Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 270 of STIP1 |
| Target Name                                     | STIP1                                                                                                           |
| Preparation and Storage                         | Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.         |

### IMAGES



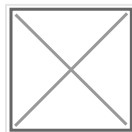
#### IF (Immunofluorescence)

Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed HeLa, using STIP1 antibody (Green) at 1: 500 dilution and alpha-tubulin antibody (Red) at 1: 2000.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Cal27 xenograft, using STIP1 antibody at 1: 100 dilution.



#### Application Data

Sample(30 ug of whole cell lysate)A: Hep G2B: MOLT47.5% SDS PAGEPrimary antibody diluted at 1: 5000

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-STIP1 antibody | 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] |
| Product Categories/Family for anti-STIP1 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 5803181                                        |
| NCBI GeneID                      | 10963                                          |
| NCBI Accession #                 | NP_006810                                      |
| NCBI GenBank Nucleotide #        | NM_006819.2                                    |
| Molecular Weight                 | 59,778 Da                                      |
| NCBI Official Full Name          | stress-induced-phosphoprotein 1 isoform b      |
| NCBI Official Synonym Full Names | stress-induced phosphoprotein 1                |
| NCBI Official Symbol             | STIP1                                          |
| NCBI Official Synonym Symbols    | HOP; P60; STI1; STI1L; HEL-S-94n; IEF-SSP-3521 |
| NCBI Protein Information         | stress-induced-phosphoprotein 1                |
| UniProt Protein Name             | Stress-induced-phosphoprotein 1                |
| UniProt Gene Name                | STIP1                                          |
| UniProt Synonym Gene Names       | STI1; Hop                                      |
| UniProt Entry Name               | STIP1_HUMAN                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.