# STIP1 Rabbit pAb

Catalog No.: A14106



## **Basic Information**

#### **Observed MW**

69kDa

#### **Calculated MW**

63kDa

## Category

Primary antibody

### **Applications**

WB,IHC-P,IF/ICC,IP,ELISA

#### **Cross-Reactivity**

Human, Mouse, Rat, Monkey

# **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]).

## **Recommended Dilutions**

**WB** 1:500 - 1:2000

**IHC-P** 1:50 - 1:200

**IF/ICC** 1:50 - 1:200

**IP** 0.5μg-4μg antibody for

200μg-400μg extracts of

whole cells

**ELISA** Recommended starting

concentration is 1 μg/mL.

Please optimize the concentration based on your specific assay requirements.

#### **Contact**

<u>a</u>	400-999-6126
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•	www.abclonal.com.cn

## **Immunogen Information**

**Gene ID**Swiss Prot
10963
P31948

#### **Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

## **Synonyms**

HOP; P60; STI1; STI1L; HEL-S-94n; IEF-SSP-3521; STIP1

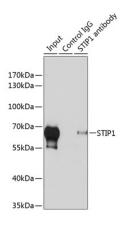
## **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

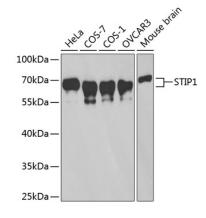
#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

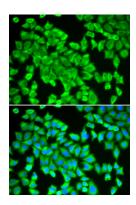


Immunoprecipitation analysis of 200  $\mu$ g extracts of HeLa cells using 1  $\mu$ g STIP1 antibody ( A14106). Western blot was performed from the immunoprecipitate using STIP1 antibody ( A14106) at a dilution of 1:1000.

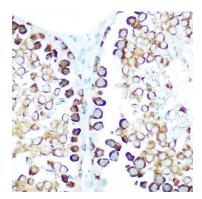


Western blot analysis of various lysates using STIP1 Rabbit pAb (A14106) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins:  $25\mu g$  per lane.

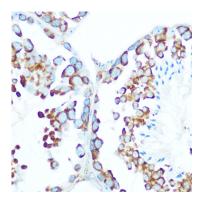
Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of HeLa cells using STIP1 Rabbit pAb (A14106). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffinembedded Rat testis using STIP1 Rabbit pAb (A14106) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Mouse testis using STIP1 Rabbit pAb (A14106) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.