

## STIP1 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP2817c

## Specification

# STIP1 Antibody (Center) - Product Information

Application Primary Accession Other Accession Reactivity Predicted Host Clonality Isotype Calculated MW Antigen Region IHC-P, WB, FC,E <u>P31948</u> <u>O35814</u>, <u>O60864</u>, <u>O54981</u>, <u>O3ZBZ8</u>, <u>O7ZWU1</u> Human Bovine, Hamster, Mouse, Rat, Xenopus Rabbit Polyclonal Rabbit IgG 62639 269-297

## STIP1 Antibody (Center) - Additional Information

Gene ID 10963

**Other Names** 

Stress-induced-phosphoprotein 1, STI1, Hsc70/Hsp90-organizing protein, Hop, Renal carcinoma antigen NY-REN-11, Transformation-sensitive protein IEF SSP 3521, STIP1

#### Target/Specificity

This STIP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 269-297 amino acids from the Central region of human STIP1.

Dilution IHC-P~~1:50~100 WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

#### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Precautions

STIP1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

# **STIP1** Antibody (Center) - Protein Information



## Name STIP1 (HGNC:11387)

**Function** Acts as a co-chaperone for HSP90AA1 (PubMed:<u>27353360</u>). Mediates the association of the molecular chaperones HSPA8/HSC70 and HSP90 (By similarity).

**Cellular Location** 

Cytoplasm {ECO:0000250|UniProtKB:Q60864}. Nucleus {ECO:0000250|UniProtKB:Q60864}. Dynein axonemal particle {ECO:0000250|UniProtKB:Q7ZWU1}

## **STIP1 Antibody (Center) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

#### STIP1 Antibody (Center) - Images



STIP1 Antibody (Center) (Cat.# AP2817c) western blot analysis in A431,A549 cell line lysates (35ug/lane).This demonstrates the STIP1 antibody detected the STIP1 protein (arrow).





Formalin-fixed and paraffin-embedded human testis tissue reacted with STIP1 Antibody (Center) (Cat.# AP2817c), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



STIP1 Antibody (Center) (Cat. #AP2817c) flow cytometry analysis of Jurkat cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

# STIP1 Antibody (Center) - Background

STIP1 mediates the association of the molecular chaperones HSC70 and HSP90 (HSPCA and HSPCB).

# STIP1 Antibody (Center) - References

Onuoha,S.C., J. Mol. Biol. 379 (4), 732-744 (2008) Erlich,R.B., Glia 55 (16), 1690-1698 (2007)