

For Research Use Only

# SGTA Polyclonal antibody

Catalog Number: 11019-2-AP

Featured Product

21 Publications



## Basic Information

**Catalog Number:**

11019-2-AP

**Size:**

750 ug/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG1475

**GenBank Accession Number:**

BC008885

**GeneID (NCBI):**

6449

**UNIPROT ID:**

O43765

**Full Name:**

small glutamine-rich tetratricopeptide repeat (TPR)-containing, alpha

**Calculated MW:**

34 kDa

**Observed MW:**

34-37 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

IF/ICC 1:200-1:800

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, IP, ELISA

**Cited Applications:**

WB, IHC, IF, ColP

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB:** K-562 cells, HeLa cells, human skeletal muscle tissue, mouse liver tissue, SH-SY5Y cells

**IP:** HeLa cells,

**IHC:** human lung cancer tissue, human liver cancer tissue, human prostate cancer tissue

**IF/ICC:** HeLa cells,

## Background Information

Small glutamine-rich tetratricopeptide repeat-containing protein alpha (SGTA) is a steroid receptor molecular co-chaperone critical in a range of biological processes, including viral infection, cell division, mitosis, and cell cycle checkpoint activation. Overexpression of SGTA has been found in various cancers, including prostate/ovary/testis/liver/lung cancer.

## Notable Publications

Author	Pubmed ID	Journal	Application
Oleksandra Novosylina	26545799	Biochimie	IF
Yuiko Kato	26346258	Vet J	IHC
Takehiro Iwata	32765682	Exp Ther Med	WB

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

T: 4006900926

E: Proteintech-CN@ptglab.com

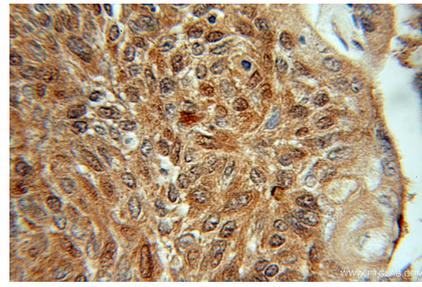
W: ptgcn.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

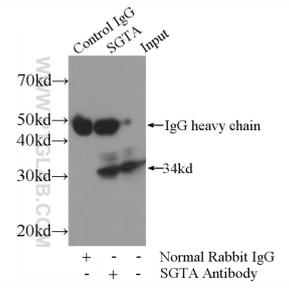
## Selected Validation Data



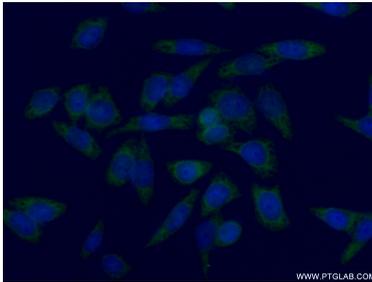
K-562 cells were subjected to SDS PAGE followed by western blot with 11019-2-AP (SGTA antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



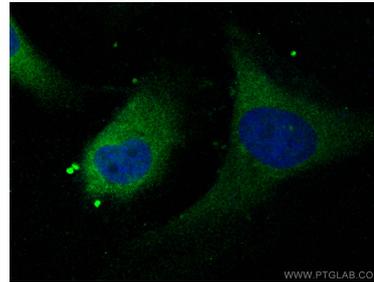
Immunohistochemical analysis of paraffin-embedded human lung cancer using 11019-2-AP (SGTA antibody) at dilution of 1:50 (under 10x lens).



IP result of anti-SGTA (IP:11019-2-AP, 4ug; Detection:11019-2-AP 1:1000) with HeLa cells lysate 2480ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 11019-2-AP (SGTA antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using SGTA antibody (11019-2-AP) at dilution of 1:400 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).