

For Research Use Only

# SLC25A11 Polyclonal antibody

Catalog Number: 12253-1-AP

Featured Product

3 Publications



## Basic Information

**Catalog Number:**

12253-1-AP

**Size:**

150ul, Concentration: 1300 ug/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG2903

**GenBank Accession Number:**

BC016294

**GeneID (NCBI):**

8402

**UNIPROT ID:**

Q02978

**Full Name:**

solute carrier family 25 (mitochondrial carrier; oxoglutarate carrier), member 11

**Calculated MW:**

314 aa, 34 kDa

**Observed MW:**

28-34 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

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

IHC 1:50-1:500

IF/ICC 1:50-1:500

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, IP, ELISA

**Cited Applications:**

WB, IF, IP

**Species Specificity:**

human

**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:** Jurkat cells, human kidney tissue, HEK-293 cells, Raji cells

**IP:** HEK-293 cells,

**IHC:** human stomach cancer tissue,

**IF/ICC:** HEK-293 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Na Ta	36037337	Proc Natl Acad Sci U S A	WB,IF
Yuyang Liu	37917749	Science	WB
Kun Meng	37009826	EMBO Rep	WB,IF,IP

## 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

\*\*\* 20ul sizes contain 0.1% BSA

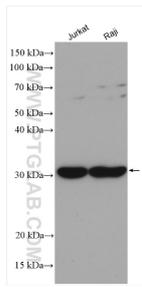
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

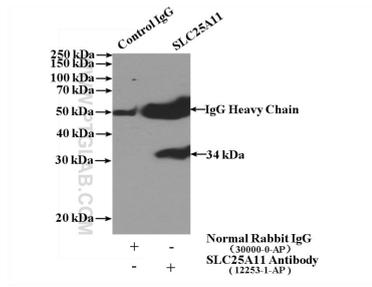
E: proteintech@ptglab.com  
W: ptglab.com

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

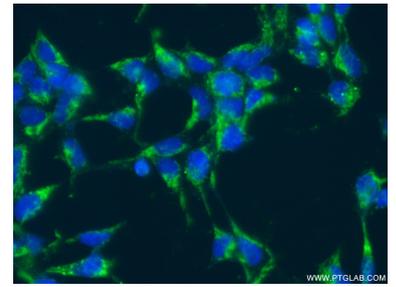
## Selected Validation Data



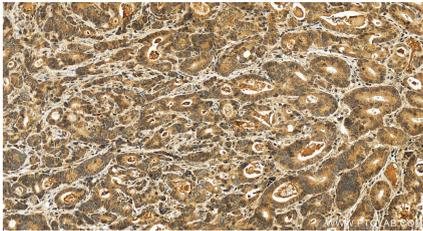
Various lysates were subjected to SDS PAGE followed by western blot with 12253-1-AP (SLC25A11 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-SLC25A11 (IP:12253-1-AP, 4ug; Detection:12253-1-AP 1:1000) with HEK-293 cells lysate 1560ug.



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using 12253-1-AP (SLC25A11 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 12253-1-AP (SLC25A11 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).