

For Research Use Only

S100A1 Polyclonal antibody

Catalog Number: 16027-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number:

16027-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8871

GenBank Accession Number:

BC014392

GeneID (NCBI):

6271

UNIPROT ID:

P23297

Full Name:

S100 calcium binding protein A1

Calculated MW:

94 aa, 11 kDa

Observed MW:

10 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

IF-P 1:50-1:500

Applications

Tested Applications:

IF/ICC, IHC, WB, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, rat

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 : human heart tissue,

IHC : human malignant melanoma tissue, human kidney tissue, human ovary tumor tissue, human appendicitis tissue, human tonsillitis tissue, rat brain tissue, human thyroid cancer tissue

IF-P : human ovary cancer tissue,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Mosi K Bennett	24842913	Circ Heart Fail	WB
Wenkai Yang	34366855	Front Pharmacol	WB
Ye Bai	36524376	Mol Med Rep	WB,IF

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

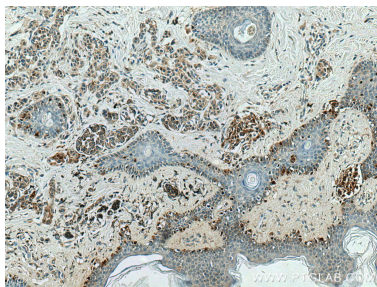
W: ptgcn.com

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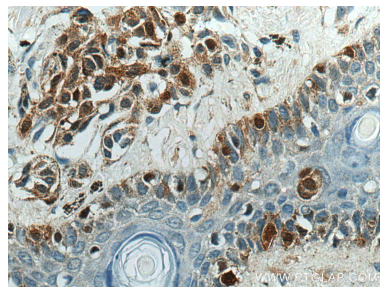
Selected Validation Data



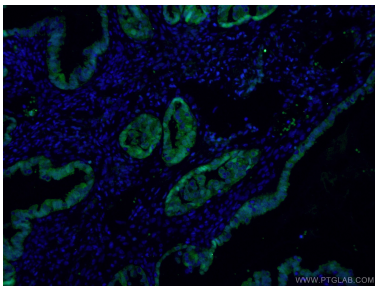
human heart tissue were subjected to SDS PAGE followed by western blot with 16027-1-AP (S100A1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



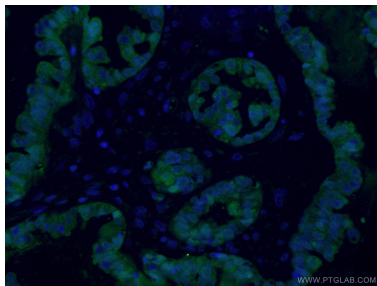
Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 16027-1-AP (S100A1 antibody) at dilution of 1:200 (under 10x lens)..



Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 16027-1-AP (S100A1 antibody) at dilution of 1:200 (under 40x lens)..



Immunofluorescent analysis of (4% PFA) fixed human ovary cancer cells using 16027-1-AP (S100A1 antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human ovary cancer cells using 16027-1-AP (S100A1 antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated Goat Anti-Rabbit IgG(H+L).