

For Research Use Only

TRPM1 Polyclonal antibody

Catalog Number: 55111-1-AP



Basic Information

| | | |
|--------------------------------------|---|--|
| Catalog Number: 55111-1-AP | GenBank Accession Number: NM_002420 | Purification Method: Antigen affinity purification |
| Size: 1000 µg/ml | GeneID (NCBI): 4308 | Recommended Dilutions: IHC 1:200-1:2000 IF 1:25-1:100 |
| Source: Rabbit | UNIPROT ID: Q7Z4N2 | |
| Isotype: IgG | Full Name: transient receptor potential cation channel, subfamily M, member 1 | |
| | Calculated MW: 182 kDa | |

Applications

Tested Applications:
FC, IF/ICC, IHC, ELISA

Species Specificity:
human

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:

IHC: human lung cancer tissue,
IF: SH-SY5Y cells, A431 cells

Background Information

Storage

Storage:
Store at -20°C.
Storage Buffer:
0.1M NaHCO₃, 0.1M glycine, 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:

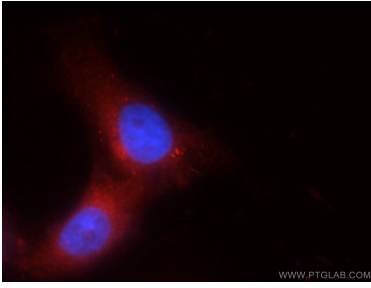
T: 4006900926

E: Proteintech-CN@ptglab.com

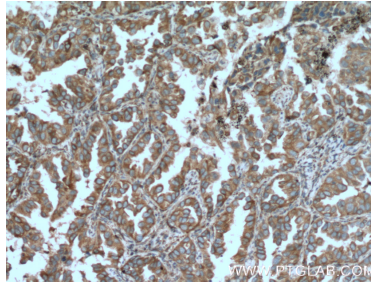
W: ptgcn.com

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

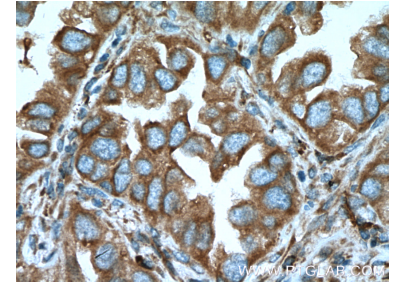
Selected Validation Data



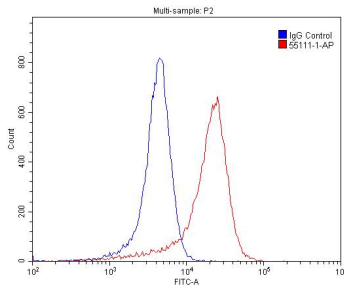
Immunofluorescent analysis of SH-SY5Y cells using 55111-1-AP (TRPM1 antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.



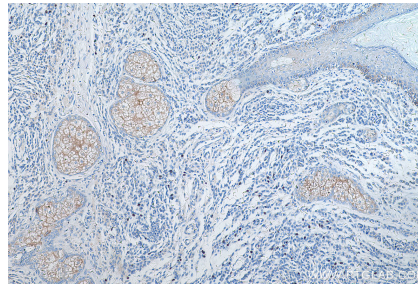
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 55111-1-AP (TRPM1 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



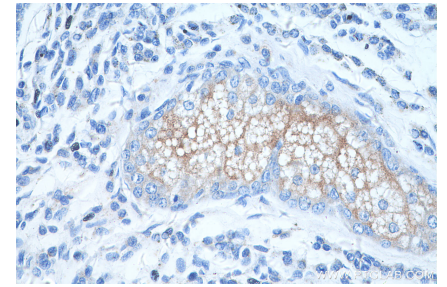
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 55111-1-AP (TRPM1 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ SH-SY5Y cells were stained with 0.2ug TRPM1 antibody (55111-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.



Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 55111-1-AP (TRPM1 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 55111-1-AP (TRPM1 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).