For Research Use Only

calcyphosine Monoclonal antibody, PBS Only

Catalog Number:68225-1-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
68225-1-PBS

Size:
1mg/ml

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG10330

GenBank Accession Number:
BC080599

GeneID (NCBI):
828

UNIPROT ID:
Q13938

Full Name:
calcyphosine

Calculated MW:
189 aa, 21 kDa

Observed MW:
21 kDa

Purification Method:
Protein G purification

CloneNo.:
2B7D1

Applications

Tested Applications:
WB, IF, Indirect ELISA

Species Specificity:
Human, pig, rabbit

Background Information

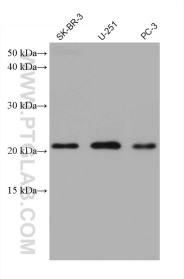
calcyphosine is a calcium-binding protein, which may play a role in the regulation of ion transport. Calcyphosine (CAPS) was initially identified in the canine thyroid but has also been detected in humans and other mammals. CAPS synthesis is increased by thyroid - stimulating hormone and cAMP analogs that promote cell proliferation and maintain cell differentiation. Recently, CAPS was found to be involved in many kinds of tumor.

Storage

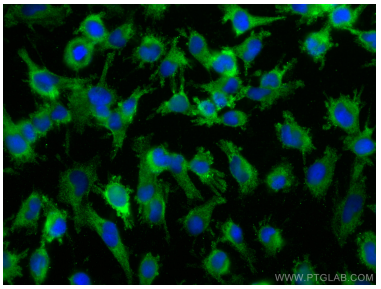
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68225-1-Ig (CAPS antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68225-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed U-251 cells using calcyphosine antibody (68225-1-Ig, Clone: 2B7D1) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 68225-1-PBS in a different storage buffer formulation.