

For Research Use Only

PEBP1 Monoclonal antibody, PBS Only



Catalog Number: 66438-1-PBS

Basic Information

Catalog Number: 66438-1-PBS	GenBank Accession Number: BC008714	Purification Method: Protein G purification
Size: 1mg/ml	GeneID (NCBI): 5037	CloneNo.: 2D4D11
Source: Mouse	UNIPROT ID: P30086	
Isotype: IgG1	Full Name: phosphatidylethanolamine binding protein 1	
Immunogen Catalog Number: AG0864	Calculated MW: 21 kDa	
	Observed MW: 23-27 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

Raf kinase inhibitor protein (RKIP), also termed phosphatidylethanolamine binding protein PEBP1, was initially identified as a potent inhibitor of Raf-1/MEK/ERK, NF- κ B, and G-protein-coupled receptor signaling pathways. Later RKIP has been further identified as a metastasis suppressor and its loss of expression has been reported in various cancers. Its expression has been proposed as a prognostic marker for patients diagnosed with the above cancers.

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:

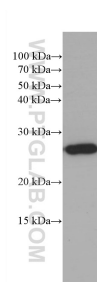
T: 4006900926

E: Proteintech-CN@ptglab.com

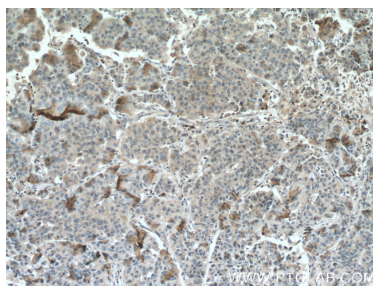
W: ptgcn.com

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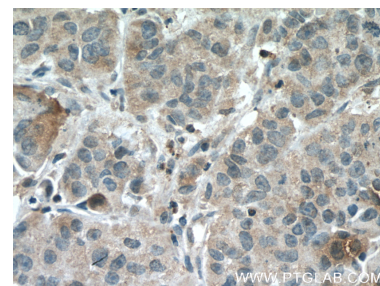
Selected Validation Data



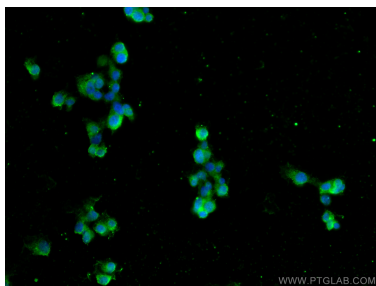
fetal human brain tissue were subjected to SDS PAGE followed by western blot with 66438-1-Ig (PEBP1 Antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66438-1-PBS in a different storage buffer formulation.



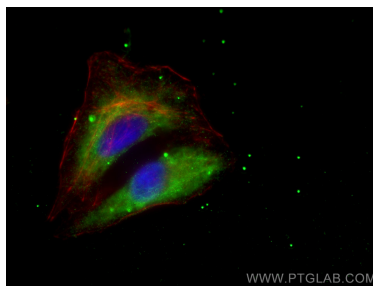
Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 66438-1-Ig (PEBP1 Antibody) at dilution of 1:500 (under 10x lens). proteolytic pre-treatment mediated antigen retrieved with Tris-EDTA buffer (pH9). This data was developed using the same antibody clone with 66438-1-PBS in a different storage buffer formulation.



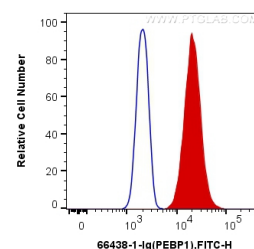
Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 66438-1-Ig (PEBP1 Antibody) at dilution of 1:500 (under 40x lens). proteolytic pre-treatment mediated antigen retrieved with Tris-EDTA buffer (pH9). This data was developed using the same antibody clone with 66438-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed PC-12 cells using PEBP1 antibody (66438-1-Ig, Clone: 2D4D11) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66438-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed A549 cells using PEBP1 antibody (66438-1-Ig, Clone: 2D4D11) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 66438-1-PBS in a different storage buffer formulation.



1X10⁶ PC-12 cells were intracellularly stained with 0.4 ug Anti-Human PEBP1 (66438-1-Ig, Clone:2D4D11) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 66438-1-PBS in a different storage buffer formulation.