

For Research Use Only

PFN2 Monoclonal antibody

Catalog Number: 60094-2-Ig

Featured Product

6 Publications



Basic Information

Catalog Number: 60094-2-Ig	GenBank Accession Number: BC018049	Purification Method: Protein A purification
Size: 150ul , Concentration: 2700 µg/ml by Nanodrop and 1500 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5217	CloneNo.: 2H7C12
Source: Mouse	Full Name: profilin 2	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500
Isotype: IgG2a	Calculated MW: 140 aa, 15 kDa	
Immunogen Catalog Number: AG5043	Observed MW: 15 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

IF, IHC, WB

Species Specificity:

human, mouse, rat, pig

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 : mouse brain tissue, rat brain tissue

IHC : human lung cancer tissue, human skeletal muscle tissue, mouse brain tissue

Background Information

PFN2 (profilin 2) is a ubiquitous actin monomer-binding protein belonging to the profilin family. It is thought to regulate actin polymerization in response to extracellular signals. The MW of this protein is 15 kDa, and this antibody specially recognises the 15 kDa protein.

Notable Publications

Author	Pubmed ID	Journal	Application
Dina Andriamoratsiresy	29158086	Biochem Biophys Res Commun	WB,IF
Deyou Kong	35239064	J Mammary Gland Biol Neoplasia	WB,IHC
Hui Zhang	30015842	Int J Oncol	WB,IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

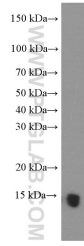
For technical support and original validation data for this product please contact:

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

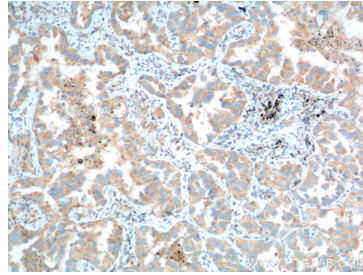
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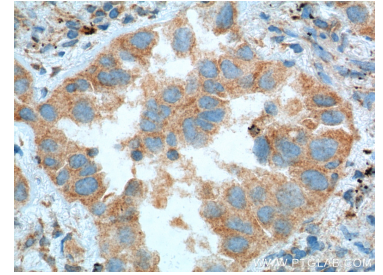
Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 60094-2-Ig (PFN2 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 60094-2-Ig (PFN2 Antibody) at dilution of 1:400 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 60094-2-Ig (PFN2 Antibody) at dilution of 1:400 (under 40x lens).