ANLN Monoclonal antibody, PBS Only

Proteintech®
Antibodies | ELISA kits | Proteins
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Catalog Number:66643-1-PBS   Featured Product

Basic Information

Catalog Number: 66643-1-PBS	**GenBank Accession Number:** BC034692	**Purification Method:** Protein G purification
Size: 1 mg/ml	**GeneID (NCBI):** 54443	**CloneNo.:** 1B4A8
Source: Mouse	**UNIPROT ID:** Q9NQW6	
Isotype: IgG1	**Full Name:** anillin, actin binding protein	
Immunogen Catalog Number: AG19294	**Calculated MW:** 1124 aa, 124 kDa	
	Observed MW: 110 kDa~120 kDa	

Applications

Tested Applications:
WB,ELISA

Species Specificity:
Human, Mouse, Rat

Background Information

Anillin, an actin-binding protein, is a conserved cleavage furrow component important for cytokinesis. The human anillin protein localizes to the nucleus during interphase, the cortex following nuclear envelope breakdown, and the cleavage furrow during cytokinesis. It interactions with at least two other furrow proteins, actin and the septins through its C-terminal PH domain and N-terminal actin-binding domain. In anillin knockdown cells, the cleavage furrow ingressed but failed to complete the ingression. Anillin has been found to be overexpressed in tumors and may serve as promising marker for pancreatic carcinoma molecular diagnostics as well as a prognostic indicator for non-small cell lung cancers.

Storage

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

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

Selected Validation Data
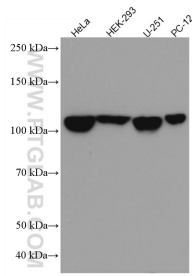
Various lysates were subjected to SDS PAGE followed by western blot with 66643-1-Ig (ANLN antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66643-1-PBS in a different storage buffer formulation.
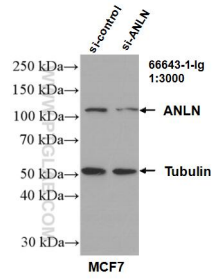
WB result of ANLN antibody (66643-1-Ig; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ANLN transfected MCF-7 cells. This data was developed using the same antibody clone with 66643-1-PBS in a different storage buffer formulation.