

For Research Use Only

ING1 Polyclonal antibody

Catalog Number: 17921-1-AP



Basic Information

Catalog Number: 17921-1-AP	GenBank Accession Number: BC093942	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 ug/ml by Nanodrop and 173 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3621	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q9UK53	
Isotype: IgG	Full Name: inhibitor of growth family, member 1	
Immunogen Catalog Number: AG12338	Calculated MW: 279aa,32 kDa; 422aa,47 kDa	
	Observed MW: 47 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse liver tissue, A375 cells
Species Specificity: mouse, human	

Background Information

ING1, also inhibitor of growth protein 1, is a 422 amino acid protein, which contains 1 PHD-type zinc finger and belongs to the ING family. ING1 localizes in the nucleus and interacts with TP53. It exists as various isoforms and isoform 1 is a 47 kDa protein. Isoform 2 is a 33 kDa protein and expressed in all normal tissues, as well as in all breast cancer and melanoma cell lines examined. ING1 cooperates with p53/TP53 in the negative regulatory pathway of cell growth by modulating p53-dependent transcriptional activation. It is implicated as a tumor suppressor gene.

Storage

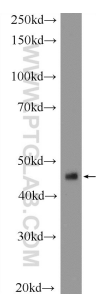
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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 liver tissue were subjected to SDS PAGE followed by western blot with 17921-1-AP (ING1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.