

ING1 Polyclonal antibody

Catalog Number: 17921-1-AP

Basic Information

Catalog Number:

17921-1-AP

Size:

350 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12338

GenBank Accession Number:

BC093942

GeneID (NCBI):

3621

UNIPROT ID:

Q9UK53

Full Name:

inhibitor of growth family, member 1

Calculated MW:

279aa, 32 kDa; 422aa, 47 kDa

Observed MW:

47 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse, human

Positive Controls:

WB : mouse liver tissue, A375 cells

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:

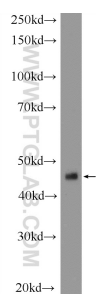
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.