

For Research Use Only

# FNTB Polyclonal antibody

Catalog Number: 11507-1-AP

Featured Product



## Basic Information

### Catalog Number:

11507-1-AP

### Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2061

### GenBank Accession Number:

BC020232

### GeneID (NCBI):

2342

### UNIPROT ID:

P49356

### Full Name:

farnesyltransferase, CAAX box, beta

### Calculated MW:

437 aa, 49 kDa

### Observed MW:

49 kDa, 44 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Species Specificity:

human, mouse, rat

**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 heart tissue, A431 cells, mouse skin tissue

IP : HeLa cells,

IHC : human lymphoma tissue,

## Background Information

FNTB is the catalytic  $\beta$  subunit of farnesyltransferase which is an alpha/beta heterodimeric enzyme attaching a farnesyl group to a single cysteine in several cellular proteins like RAS and facilitating their translocation from the cytoplasm to the plasma membrane. Farnesyltransferase inhibitors have been developed as ant-tumor agents. FNTB is required for the homeostasis of skin keratinocytes.

## 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

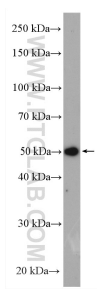
For technical support and original validation data for this product please contact:

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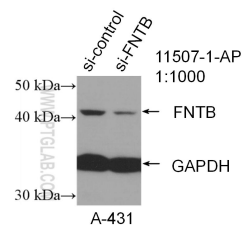
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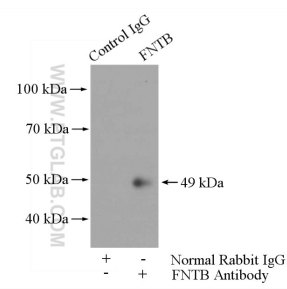
Selected Validation Data



mouse heart tissue were subjected to SDS PAGE followed by western blot with 11507-1-AP (FNTB antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



WB result of FNTB antibody (11507-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FNTB transfected A431 cells.



IP result of anti-FNTB (IP:11507-1-AP, 4ug; Detection:11507-1-AP 1:1000) with HeLa cells lysate 800ug.