

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 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2061

GenBank Accession Number:

BC020232

GeneID (NCBI):

2342

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 µg for IP and 1:500-1:2000 for WB

IHC 1:50-1:500

Applications

Tested Applications:

IHC, IP, WB, 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 β 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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

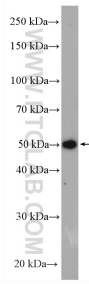
For technical support and original validation data for this product please contact:

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

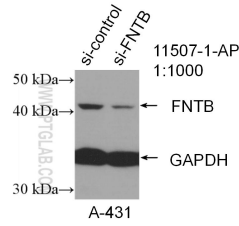
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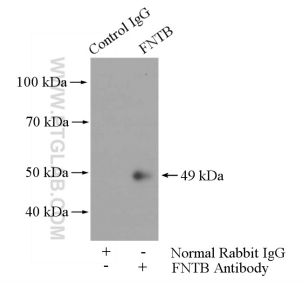
Selected Validation Data



mouse 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, 4 μ g; Detection:11507-1-AP 1:1000) with HeLa cells lysate 800 μ g.