

For Research Use Only

FHIT Polyclonal antibody

Catalog Number: 13362-1-AP



Basic Information

Catalog Number:

13362-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 307 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4181

GenBank Accession Number:

BC032336

GeneID (NCBI):

2272

UNIPROT ID:

P49789

Full Name:

fragile histidine triad gene

Calculated MW:

147 aa, 17 kDa

Observed MW:

15-17 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HCT 116 cells, HEK-293 cells, HL-60 cells

Background Information

The candidate tumor suppressor gene, FHIT(Fragile histidine triad protein), encompasses the common human chromosomal fragile site at 3p14.2, the hereditary renal cancer translocation breakpoint, and cancer cell homozygous deletions. Fhit hydrolyzes dinucleotide 5',5'''-P₁,P₃-triphosphate in vitro and mutation of a central histidine abolishes hydrolase activity(PMID:9391102). FHIT has a major role in regulating beta-catenin-mediated gene transcription.

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

*** 20ul sizes contain 0.1% BSA

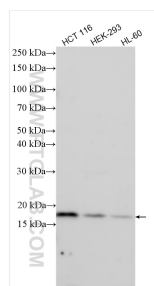
For technical support and original validation data for this product please contact:

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

E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13362-1-AP (FHIT antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.