

For Research Use Only

FHIT Polyclonal antibody

Catalog Number: 13362-1-AP



Basic Information

Catalog Number: 13362-1-AP	GenBank Accession Number: BC032336	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 307 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2272	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: fragile histidine triad gene	
Isotype: IgG	Calculated MW: 147 aa, 17 kDa	
Immunogen Catalog Number: AG4181	Observed MW: 17 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HCT 116 cells, HEK-293 cells, HL-60 cells
Species Specificity: human	

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

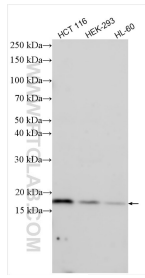
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.