

For Research Use Only

FHIT Recombinant antibody

Catalog Number: 83710-1-RR



Basic Information

Catalog Number: 83710-1-RR	GenBank Accession Number: BC032336	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 2272	CloneNo.: 240564D9
Source: Rabbit	UNIPROT ID: P49789	Recommended Dilutions: WB 1:1000-1:6600
Isotype: IgG	Full Name: fragile histidine triad gene	
Immunogen Catalog Number: AG4181	Calculated MW: 147 aa, 17 kDa	
	Observed MW: 15-17 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293 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

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

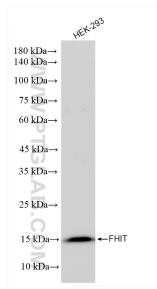
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Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 83710-1-RR (Fhit antibody) at dilution of 1:3300 incubated at room temperature for 1.5 hours.