

Rabbit anti-Human, Mouse FHIT Polyclonal Antibody | anti-FHIT antibody

FHIT Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40753	Rabbit	Human, Mouse	Immunofluorescence, Western Blot, ELISA

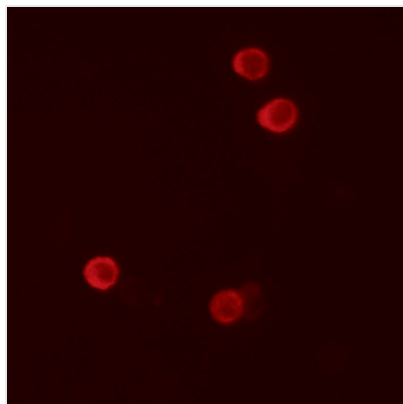
PRODUCT SYNONYMS

FHIT; Polyclonal Antibody; FHIT Antibody; FHIT Antibody : FRA3B; AP3AaseAP3A hydrolase; AP3Aase; fragile histidine triad; anti-FHIT antibody

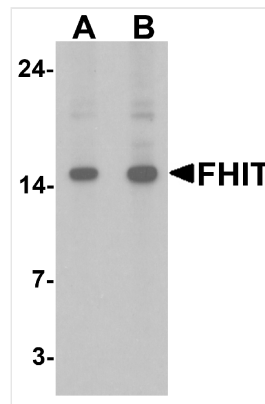
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	FHIT antibody is human and mouse reactive.
Purity/Purification	FHIT Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	147
Applicable Applications for anti-FHIT antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	FHIT antibody was raised against an 18 amino acid peptide near the carboxy terminus of human FHIT.
Buffer	FHIT Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	FHIT antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES


IF (Immunofluorescence)

Immunofluorescence of FHIT in HeLa cells with FHIT antibody at 5 &#956;g/mL.


WB (Western Blot)

Western blot analysis of FHIT in HeLa cell lysate with FHIT antibody at (A) 1 and (B) 2 &#956;g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-FHIT antibody	FHIT is member of the histidine triad gene family and is a diadenosine involved in purine metabolism (1). FHIT is also thought to be a tumor suppressor gene and is involved in multiple apoptotic pathways (1,2). The FHIT gene encompasses the common fragile site FRA3B on chromosome 3, where carcinogen-induced damage can lead to translocations and aberrant transcripts of this gene (3). Aberrant transcripts from this gene have been found in multiple carcinomas (4).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503719
NCBI GeneID	2272
NCBI Accession #	NP_002003
NCBI GenBank Nucleotide #	NM_002012.2
UniProt Accession #	P49789; Q45QG9; Q6IU12; A2IAS9; A2IAT0; A2IAT6; A8K1A9
Molecular Weight	Predicted: 16 kDa Observed: 15kDa
NCBI Official Full Name	bis(5'-adenosyl)-triphosphatase
NCBI Official Synonym Full Names	fragile histidine triad
NCBI Official Symbol	FHIT
NCBI Official Synonym Symbols	FRA3B; AP3Aase
NCBI Protein Information	bis(5'-adenosyl)-triphosphatase; bis(5'-adenosyl)-triphosphatase; AP3A hydrolase; tumor suppressor protein; dinucleosidetriphosphatase; diadenosine 5',5'''-P1,P3-triphosphate hydrolase
UniProt Protein Name	Bis(5'-adenosyl)-triphosphatase
UniProt Gene Name	FHIT
UniProt Synonym Gene Names	AP3Aase
UniProt Entry Name	FHIT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fhit-antibody-immunofluorescence-western-blot-elisa/40753>