

anti-Human FHIT Antibody | anti-FHIT antibody

FHIT (Phospho-Tyr114) Antibody

CATALOG # AAA108965	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry
-------------------------------	----------------------------	--

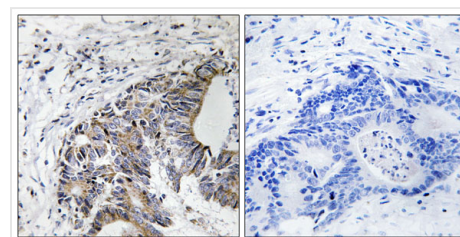
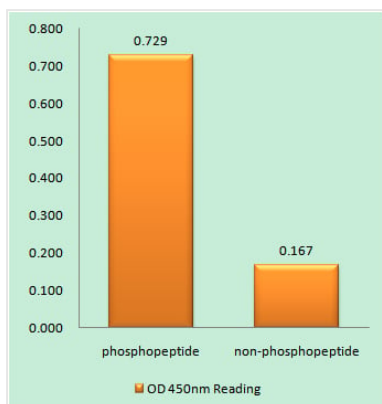
PRODUCT SYNONYMS

FHIT; FHIT (Phospho-Tyr114) Antibody; AP3A hydrolase; AP3AASE; Bis(5'-adenosyl)-triphosphatase; Bis(5'-adenosyl)-triphosphatase; Dinucleosidetriphosphatase; EC 3.6.1.29; Fragile histidine triad protein; anti-FHIT antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	FHIT (Phospho-Tyr114) antibody detects endogenous levels of FHIT only when phosphorylated at tyrosine 114.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	147
Applicable Applications for anti-FHIT antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human FHIT around the phosphorylation site of tyrosine 114 (S-I-YP-E-E).
All Sites	Human: Tyr114
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using FHIT (Phospho-Tyr114) antibody. FHIT (Phospho-Tyr114) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nm are shown in the ELISA figure.

ADDITIONAL INFORMATION

Product Categories/Family for anti-FHIT antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Ohta M., Cell 84:587-597(1996). Druck T., Cancer Res. 57:504-512(1997). The MGC Project Team; Genome Res. 14:2121-2127(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	261278358
NCBI GeneID	2272
NCBI Accession #	NP_001159715.1
NCBI GenBank Nucleotide #	NM_001166243.2
UniProt Accession #	P49789; Q45QG9; Q6IU12; A2IAS9; A2IAT0; A2IAT6; A8K1A9
Molecular Weight	16,858 Da
NCBI Official Full Name	bis(5'-adenosyl)-triphosphatase isoform 1
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
UniProt Protein Name	Bis(5'-adenosyl)-triphosphatase
UniProt Gene Name	FHIT
UniProt Synonym Gene Names	AP3Aase

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-antibody/fhit/108965>