

Product datasheet for **TA339874**

FHIT Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-FHIT antibody: synthetic peptide directed towards the middle region of human FHIT. Synthetic peptide located within the following region: VHVLPRKAGDFHRNDSIYEELQKHKEDFPASWRSEEEMAAEAAALRVYF
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	17
Gene Name:	fragile histidine triad
Database Link:	NP_002003 Entrez Gene 2272 Human P49789



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Background: This gene, a member of the histidine triad gene family, encodes a diadenosine 5',5'''-P1,P3-triphosphate hydrolase involved in purine metabolism. The gene encompasses the common fragile site FRA3B on chromosome 3, where carcinogen-induced damage can lead to translocations and aberrant transcripts of this gene. In fact, aberrant transcripts from this gene have been found in about half of all esophageal, stomach, and colon carcinomas. Alternatively spliced transcript variants have been found for this gene.

Synonyms: AP3Aase; FRA3B

Note: Immunogen Sequence Homology: Horse: 100%; Human: 100%; Dog: 93%; Rabbit: 93%; Pig: 86%; Zebrafish: 86%; Guinea pig: 86%; Rat: 79%; Mouse: 79%

Protein Pathways: Non-small cell lung cancer, Purine metabolism, Small cell lung cancer

Product images:



WB Suggested Anti-FHIT Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: Human kidney