



#24302

Catalog Number: 24302-1, 24302-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. :P49789

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized peptide derived from Human FHIT

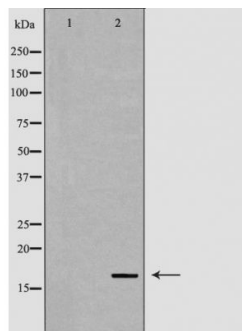
Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity/Sensitivity: FHIT Antibody detects endogenous levels of total FHIT

Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 17kd WB: 1:500-2000 IHC: 1:50-200



Western blot analysis of K562 cell lysate using FHIT antibody.

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.