



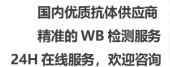
Fhit (phospho Tyr114) Polyclonal Antibody

Catalog No BYab-00243 Isotype IgG Reactivity Human;Rat;Mouse; Applications IHC;IF;ELISA Gene Name FHIT Protein Name Bis(5'-adenosyl)-triphosphatase Immunogen The antiserum was produced against synthesized peptide derived from human FHIT around the phosphorylation site of Tyr114. AA range;80-129 Specificity Phospho-Fhit (Y114) Polyclonal Antibody detects endogenous levels of Fhit protein only when phosphorylated at Y114. Formulation Liquid in PBs containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution IHC: 1/100 - 1/300. ELISA: 1/40000. IF 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms FHIT; Bis(5'-adenosyl)-triphosphatase; AP3A hydrolase; AP3Aase; Diadenosine 5; 5"-P1,P3-triphosphate hydrolase; Dinucleosidetriphosphatase; Fragile history by the protein developed by th		
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Nanjing BYabscience technology Co.,Ltd

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deletions in a coding region of chromosome 3p14.2 including the fragile site FRA3B., function: Cleaves A-5'-PPP-5'A to yield AMP and ADP. Possible turn	locus
	ıor
suppressor for specific tissues.,mass spectrometry:	

PubMed:15007172,similarity:Contains 1 HIT domain.,subunit:Homodimer.,tissue specificity:Low levels expressed in all tissues tested. Phospho-FHIT observed in liver and

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. [provided by RefSeq, Oct 2009],

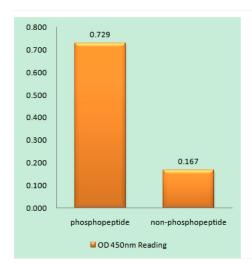
matters needing attention

Avoid repeated freezing and thawing!

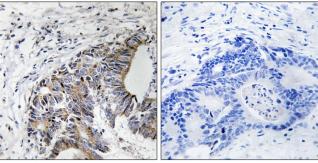
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using FHIT (Phospho-Tyr114) Antibody



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma, using FHIT (Phospho-Tyr114) Antibody. The picture on the right is blocked with the phospho peptide.

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