

## Fhit(Phospho Tyr114) Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP15581
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human FHIT around the phosphorylation site of Tyr114. AA range:80-129
<b>Mol wt</b>	16858
<b>Species reactivity</b>	Human, Rat, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Bis
<b>Synonyms</b>	Bis;5'-adenosyl-triphosphatase; FHIT; Bis;5'-adenosyl-triphosphatase; AP3A hydrolase; AP3Aase; Diadenosine 5'; 5''-P1,P3-triphosphate hydrolase; Dinucleosidetriphosphatase; Fragile histidine triad protein

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### 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.

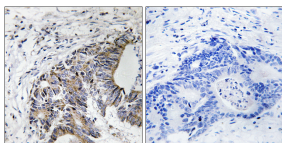
### Recommended Dilution

IHC-p: 1: 100 - 1: 300

ELISA: 1: 40000

Not yet tested in other applications.

### Images



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

### Storage

-20°C for 1 year