

Anti- FHIT (Phospho-Tyr114) Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A100380-01	50 µl
A100380-02	100 µl

Specificity	Anti- FHIT (Phospho-Tyr114) (human)
Source	Rabbit Polyclonal
Application	ELISA IHC
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: P49789

Other Names: AP3A hydrolase; AP3AASE;

Bis(5'-adenosyl)-triphosphatase;

Bis(5'-adenosyl)-triphosphatase;

Dinucleosidetriphosphatase; EC 3.6.1.29; Fragile histidine triad protein

Specificity and Sensitivity

FHIT (Phospho-Tyr114) antibody detects endogenous levels of FHIT only when phosphorylated at tyrosine 114.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human FHIT around the phosphorylation site of tyrosine 114 (S-I-Y^P-E-E).

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

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

IHC: 1:50~1:100 ELISA: 1:40000

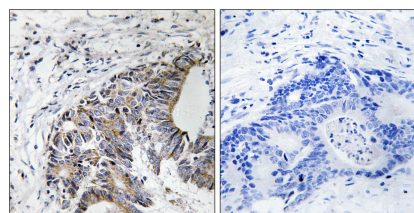
Storage Buffer

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

Storage Instructions

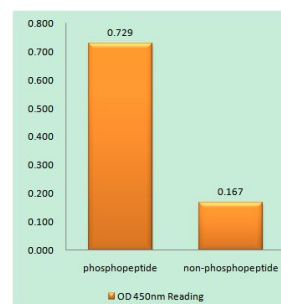
Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



P-peptide - +

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.