



FHIT (Phospho-Tyr114) Antibody

E11-8459A**Catalog Number:** E11-8459A**Concentration:** 1mg/ml**Swiss-Prot No.:** P49789**Other Names:** AP3A hydrolase; AP3AASE;

Bis(5'-adenosyl)-triphosphatase;

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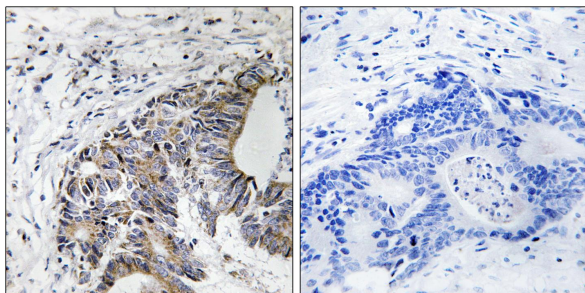
Dinucleosidetriphosphatase; EC 3.6.1.29; Fragile histidine triad protein

All Sites: Human: Tyr114**Storage/Stability:** Store at -20°C/1 year**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.**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human FHIT around the phosphorylation site of tyrosine 114 (S-I-Y^P-E-E).**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.**Specificity:** FHIT (Phospho-Tyr114) antibody detects endogenous levels of FHIT only when phosphorylated at tyrosine 114.**Reactivity:** Human (Identities = 100%, Positives = 100%)**Applications:** WB: 1:500~1:2000 IHC: 1:50~1:100
ELISA: 1:40000**References:**

Ohta M., Cell 84:587-597(1996).

Druck T., Cancer Res. 57:504-512(1997).

The MGC Project Team; Genome Res.14:2121-2127 (2004).

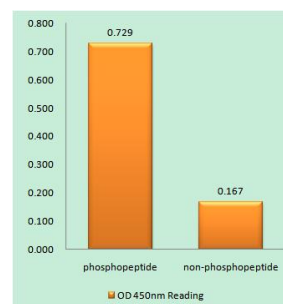


P-peptide

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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.

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