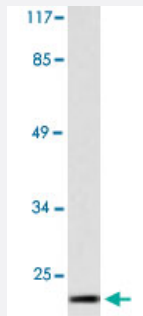


FHIT polyclonal antibody

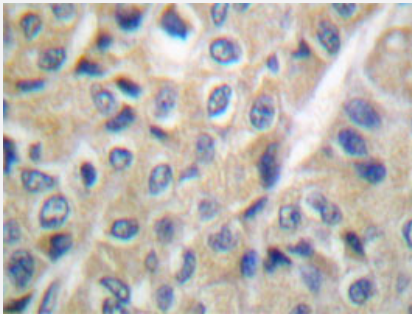
Catalog # PAB24816 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of A-549 cell lysate with FHIT polyclonal antibody (Cat # PAB24816).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using FHIT polyclonal antibody (Cat # PAB24816).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of FHIT.
Immunogen	A synthetic peptide corresponding to FHIT.
Host	Rabbit
Theoretical MW (kDa)	16
Reactivity	Human
Specificity	FHIT polyclonal antibody detects endogenous levels of FHIT protein.
Form	Liquid

Purification	Antigen affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of A-549 cell lysate with FHIT polyclonal antibody (Cat # PAB24816).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using FHIT polyclonal antibody (Cat # PAB24816).

- Immunofluorescence

Gene Info — FHIT

Entrez GeneID	2272
Gene Name	FHIT
Gene Alias	AP3Aase, FRA3B
Gene Description	fragile histidine triad gene
Omim ID	601153
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

AP3A hydrolase|bis(5'-adenosyl)-triphosphatase|diadenosine 5',5'''-P1,P3-triphosphate hydrolase|dinucleosidetriphosphatase|tumor suppressor protein

Pathway

- [Non-small cell lung cancer](#)
- [Purine metabolism](#)
- [Small cell lung cancer](#)

Disease

- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Cell Transformation](#)
- [Cervical Intraepithelial Neoplasia](#)
- [Chagas Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Laryngeal Neoplasms](#)
- [Lung Neoplasms](#)
- [Lymphatic Metastasis](#)
- [Mouth Neoplasms](#)

- [Overweight](#)
- [Papillomavirus Infections](#)
- [Pharyngeal Neoplasms](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Uterine Cervical Neoplasms](#)