

## FHIT Antibody

Catalog No: #31073

Package Size: #31073-1 50ul #31073-2 100ul

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## Description

Product Name	FHIT Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous level of total FHIT protein.
Immunogen Type	Recombinant protein
Immunogen Description	Full length fusion protein
Target Name	FHIT
Other Names	fragile histidine triad, FRA3B, AP3Aase
Accession No.	Swiss-Prot:P49789Gene ID:2272;
Uniprot	P49789
GeneID	2272;
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C/1 year

## Application Details

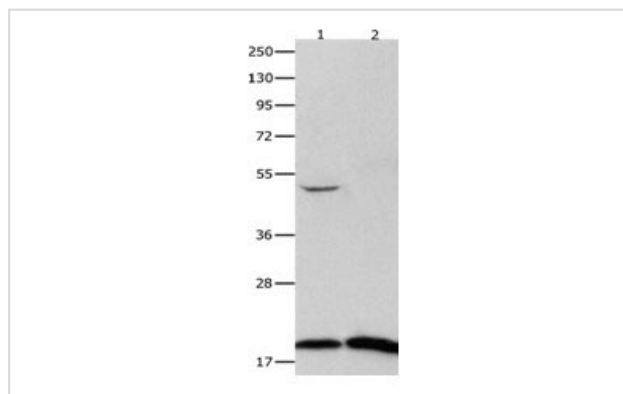
Predicted MW: 17kd

ELISA: 1:1000-1:5000

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:100

## Images



Gel: 8%+12%SDS-PAGE

Lane1: Mouse brain tissue lysate

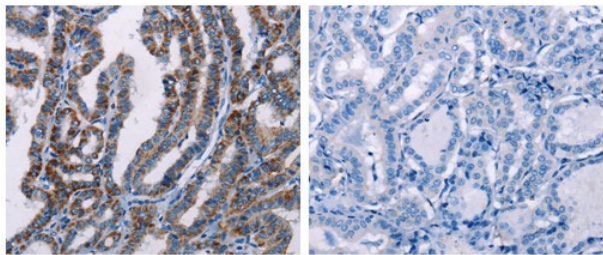
Lane2: Human fetal kidney tissue lysate

Lysates: 30ug per lane

Primary antibody: 1/350 dilution

Secondary antibody: Goat anti Rabbit IgG - H&amp;L (HRP) at 1/10000 dilution

Exposure time: 30 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 31073(FHIT Antibody) at dilution 1/25, on the right is treated with the fusion protein.

## 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.

Note: This product is for in vitro research use only