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Datasheet for ABIN7295666 anti-FHIT antibody (Center)

3 Images

Go to Product page

Overview

Quantity:	100 μL
Target:	FHIT
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FHIT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

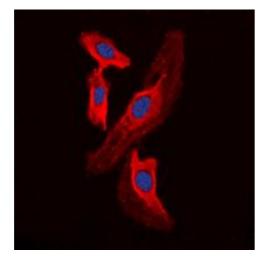
Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human FHIT.
Specificity:	Recognizes endogenous levels of FHIT protein.
Characteristics:	Rabbit polyclonal antibody to FHIT
Purification:	The antibody was purified by immunogen affinity chromatography.
Target Details	
Target:	FHIT

5		
Alternative Name:	FHIT (FHIT Products)	

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Target Details	
Background:	Bis(5'-adenosyl)-triphosphatase, AP3A hydrolase, AP3Aase, Diadenosine 5',5'''-P1,P3-
	triphosphate hydrolase, Dinucleosidetriphosphatase, Fragile histidine triad protein
Gene ID:	2272
UniProt:	P49789
Application Details	
Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and
	0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

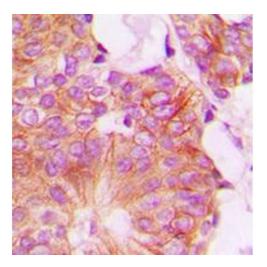
Images

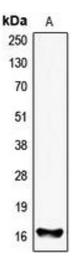


Immunofluorescence

Image 1. Immunofluorescent analysis of FHIT staining in HEK293T cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room

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temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Immunohistochemistry

Image 2. Immunohistochemical analysis of FHIT staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Western Blotting

Image 3. Western blot analysis of FHIT expression in HEK293T (A) whole cell lysates.

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