

Product datasheet

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ARG42863 anti-FRAT1 antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes FRAT1

Tested Reactivity Hu, Ms, Rat

Tested Application ICC/IF, IP, WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name FRAT1

Species Human

Immunogen Synthetic peptide of Human FRAT1.

Conjugation Un-conjugated

Alternate Names Frequently rearranged in advanced T-cell lymphomas 1; Proto-oncogene FRAT1; FRAT-1

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:20 - 1:50
	IP	1:20 - 1:50
	WB	1:1000 - 1:5000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	
Observed Size	~ 31 kDa	

Properties

Form Liquid

Purification Affinity purified.

Buffer 50 mM Tris-Glycine (pH 7.4), 150 mM NaCl, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.

Preservative 0.01% Sodium azide

Stabilizer 40% Glycerol and 0.05% BSA

Concentration Batch dependent

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw

and store at -20° C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

Gene Symbol FRAT1

Gene Full Name frequently rearranged in advanced T-cell lymphomas 1

Background The protein encoded by this gene belongs to the GSK-3-binding protein family. The protein inhibits

 ${\sf GSK-3-mediated\ phosphorylation\ of\ beta-catenin\ and\ positively\ regulates\ the\ Wnt\ signaling\ pathway.\ It\ properties a substitution of\ properties and\ properties are also beta-catenin\ properties are also beta-catenin\ properties and\ properties are also beta-catenin\ properties are also beta-catenin\ properties and\ properties are also beta-catenin\ properties are also beta-catenin\ properties and\ properties are also beta-cate$

may function in tumor progression and in lymphomagenesis. [provided by RefSeq, Oct 2008]

Function Positively regulates the Wnt signaling pathway by stabilizing beta-catenin through the association with

GSK-3. May play a role in tumor progression and collaborate with PIM1 and MYC in lymphomagenesis.

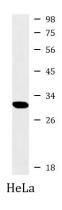
[UniProt]

Calculated Mw 29 kDa

PTM Phosphorylated. [UniProt]

Cellular Localization Cytoplasm. [UniProt]

Images



ARG42863 anti-FRAT1 antibody WB image

Western blot: HeLa cell lysate stained with ARG42863 anti-FRAT1 antibody at 1:1000 dilution.