

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 cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

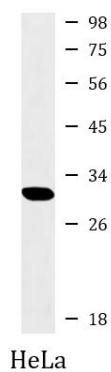
Note

For laboratory research only, not for drug, diagnostic or other 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 GSK-3-mediated phosphorylation of beta-catenin and positively regulates the Wnt signaling pathway. It 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.