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FRAT1 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP1436c

Specification

FRAT1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q92837

FRAT1 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 10023

Other Names
Proto-oncogene FRAT1, Frequently rearranged in advanced T-cell lymphomas 1, FRAT-1, FRAT1

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP1436c was selected from the Center region of human FRAT1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

FRAT1 Antibody (Center) Blocking Peptide - Protein Information

Name FRAT1

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.

Cellular Location
Cytoplasm.

FRAT1 Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

FRAT1 Antibody (Center) Blocking Peptide - Images

FRAT1 Antibody (Center) Blocking Peptide - Background

FRAT1 belongs to the GSK-3-binding protein family. It may function in tumor progression and in lymphomagenesis. It positively regulates the Wnt signaling pathway by stabilizing beta-catenin through the association with GSK-3. It may play a role in tumor progression and collaborate with PIM1 and MYC in lymphomagenesis.

FRAT1 Antibody (Center) Blocking Peptide - References

Hagen,T., J. Biol. Chem. 281 (46), 35021-35029 (2006)Wang,Y., Br. J. Cancer 94 (5), 686-691 (2006)Hino,S., J. Biol. Chem. 278 (16), 14066-14073 (2003)