

FRAT1 Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP1436b**Specification**

FRAT1 Antibody (C-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q92837
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	244-274

FRAT1 Antibody (C-term) - Additional Information**Gene ID** 10023**Other Names**

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

Target/Specificity

This FRAT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 244-274 amino acids from the C-terminal region of human FRAT1.

Dilution

WB~~1:1000

IHC-P~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

FRAT1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

FRAT1 Antibody (C-term) - 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.

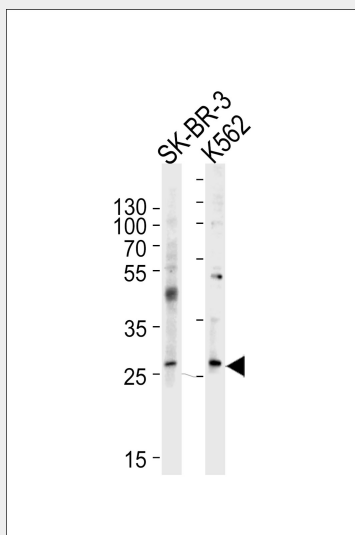
Cellular Location

Cytoplasm.

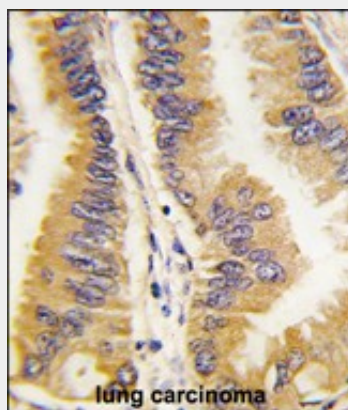
FRAT1 Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FRAT1 Antibody (C-term) - Images

Western blot analysis of lysates from SK-BR-3, K562 cell line (from left to right), using FRAT1 Antibody (C-term)(Cat. #AP1436b). AP1436b was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with FRAT1 antibody

(C-term) (Cat.#AP1436b), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

FRAT1 Antibody (C-term) - Background

FRAT1 belongs to the GSK-3-binding protein family. It may function in tumor progression and in lymphomagenesis.

FRAT1 Antibody (C-term) - 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)

FRAT1 Antibody (C-term) - Citations

- [The clinical significance of FRAT1 and ABCG2 expression in pancreatic ductal adenocarcinoma.](#)