

FRAT2 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11848b

Specification

FRAT2 Antibody (C-term) - Product Information

Application	IF, WB, IHC-P,E
Primary Accession	O75474
Other Accession	NP_036215.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	24051
Antigen Region	203-230

FRAT2 Antibody (C-term) - Additional Information

Gene ID 23401

Other Names

GSK-3-binding protein FRAT2, Frequently rearranged in advanced T-cell lymphomas 2, FRAT-2, FRAT2

Target/Specificity

This FRAT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 203-230 amino acids from the C-terminal region of human FRAT2.

Dilution

IF~~1:10~50
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 purified through a protein A column, followed by peptide affinity purification.

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

FRAT2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

FRAT2 Antibody (C-term) - Protein Information

Name FRAT2

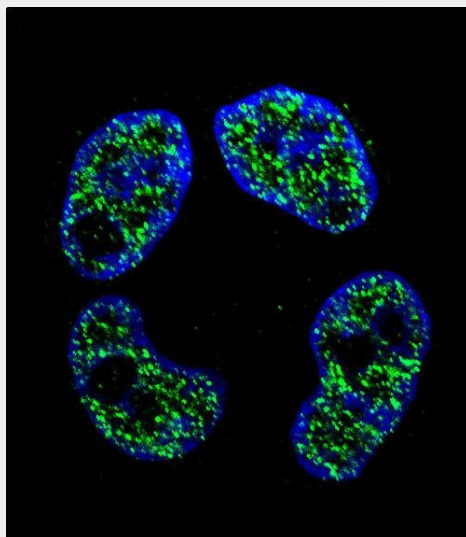
Function Positively regulates the Wnt signaling pathway by stabilizing beta-catenin through the association with GSK-3.

FRAT2 Antibody (C-term) - Protocols

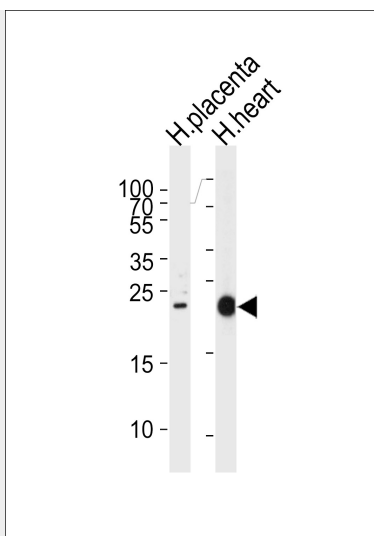
Provided below are standard protocols that you may find useful for product applications.

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

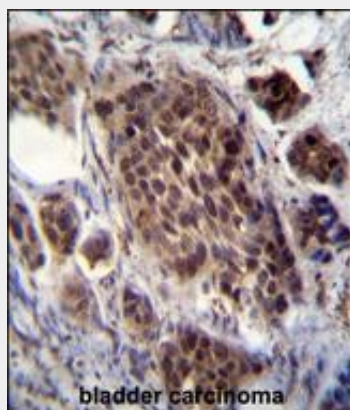
FRAT2 Antibody (C-term) - Images



Confocal immunofluorescent analysis of FRAT2 Antibody (C-term)(Cat#AP11848b) with ZR-75-1 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



Western blot analysis of lysates from human placenta and heart tissue lysates (from left to right), using FRAT2 Antibody (C-term)(Cat. #AP11848b). AP11848b 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.



FRAT2 Antibody (C-term) (Cat. #AP11848b)immunohistochemistry analysis in formalin fixed and paraffin embedded human bladder carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of FRAT2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

FRAT2 Antibody (C-term) - Background

The protein encoded by this intronless gene belongs to the GSK-3-binding protein family. Studies show that this protein plays a role as a positive regulator of the WNT signaling pathway. It may be upregulated in tumor progression.

FRAT2 Antibody (C-term) - References

- Lee, D.Y., et al. Menopause 17(5):1064-1070(2010)
- Liu, G.P., et al. Neurobiol. Aging 29(9):1348-1358(2008)
- Stoothoff, W.H., et al. J. Biol. Chem. 280(1):270-276(2005)
- Deloukas, P., et al. Nature 429(6990):375-381(2004)
- Freemantle, S.J., et al. Gene 291 (1-2), 17-27 (2002) :