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FRAT2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11848b

Product Information

Application	WB, IHC-P, IF, E
Primary Accession	O75474
Other Accession	NP_036215.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB31392
Calculated MW	24051
Antigen Region	203-230

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	WB~~1:1000 IHC-P~~1:100~500 IF~~1:10~50 E~~Use at an assay dependent concentration.
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.

Protein Information

Name	FRAT2
Function	Positively regulates the Wnt signaling pathway by stabilizing beta-catenin through the association with GSK-3.

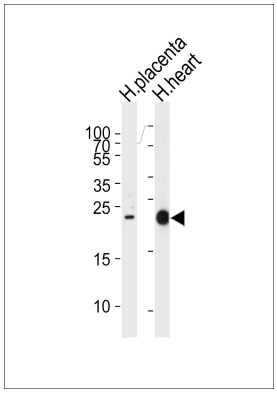
Background

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.

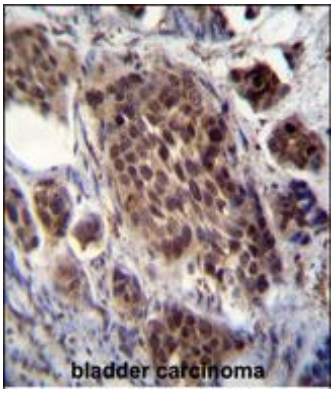
References

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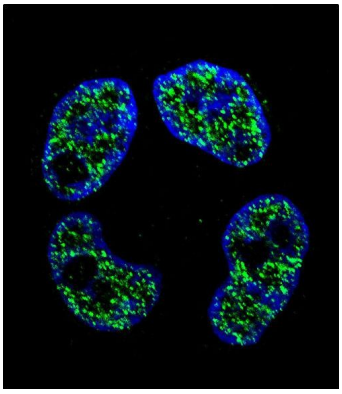
Images



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.



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.