

Rabbit anti-Human FRAT1 Polyclonal Antibody | anti-FRAT1 antibody

FRAT1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290165	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

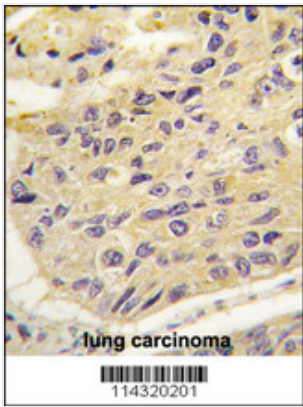
PRODUCT SYNONYMS

FRAT1; Polyclonal Antibody; FRAT1 Antibody (Center); Proto-oncogene FRAT1; Frequently rearranged in advanced T-cell lymphomas 1; FRAT-1; anti-FRAT1 antibody

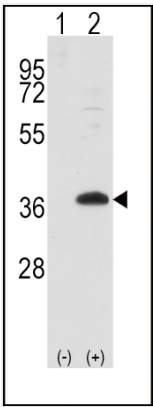
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FRAT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 99-128 amino acids from the Central region of human FRAT1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	99-128
Sequence Length	279
Applicable Applications for anti-FRAT1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with FRAT1 antibody (Center) , 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.



WB (Western Blot)
Western blot analysis of FRAT1 (arrow) using rabbit polyclonal FRAT1 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the FRAT1 gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-FRAT1 antibody	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.
Product Categories/Family for anti-FRAT1 antibody	Immunology; Signal Transduction
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	31317236
NCBI GeneID	10023
NCBI Accession #	NP_005470.2
NCBI GenBank Nucleotide #	NM_005479.3
UniProt Accession #	Q92837; Q5JT11; Q8NE74; Q8TDW9
Molecular Weight	29093
NCBI Official Full Name	proto-oncogene FRAT1
NCBI Official Synonym Full Names	frequently rearranged in advanced T-cell lymphomas 1
NCBI Official Symbol	FRAT1
NCBI Protein Information	proto-oncogene FRAT1
UniProt Protein Name	Proto-oncogene FRAT1
UniProt Gene Name	FRAT1
UniProt Synonym Gene Names	FRAT-1
UniProt Entry Name	FRAT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/frat1-antibody-immunohistochemistry-western-blot-elisa/290165>