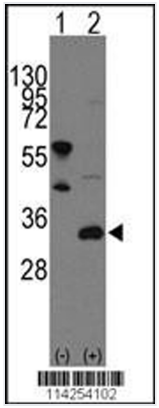
FRAT1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FRAT1, Polyclonal Antibody
Full Product Name	FRAT1, CT (Proto-oncogene FRAT1, Frequently Rearranged in Advanced T-cell Lymphomas, Frat-1) (MaxLight 405)
Product Gene Name	anti-FRAT1 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified by Ammonium Sulfate Precipitation.
Specificity	Recognizes human FRAT1.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight405 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	29,093 Da
OMIM	602503
3D Structure	ModBase 3D Structure for Q92837
Immunogen	Synthetic peptide selected from the C-terminal region of human FRAT1 (KLH).
Conjugate	MaxLight405
Note	Preservative Free
Product Categories/Family for anti-FRAT1 antibody	Antibodies; Cell Markers
Applications Tested/Suitable for anti-FRAT1 antibody	Immunohistochemistry (IHC), FLISA, Western Blot (WB)
Application Notes for anti-FRAT1 antibody	IHC: 1:10-1:50 FLISA: 1:1,000 WB: 1:50-1:100 Applications are based on unconjugated antibody.
Related Product Information for anti-FRAT1 antibody	MBS6476868 is an antibody targeting FRAT1. Also known as FRAT1, CT (Proto-oncogene FRAT1, Frequently Rearranged in Advanced T-cell Lymphomas, Frat-1) (MaxLight 405). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-FRAT1 antibody	1. Hagen, T., J. Biol. Chem. 281(46), 35021-35029 (2006). 2. Wang, Y., Br. J. Cancer 94(5), 686-691 (2006). 3. Hino, S., J. Biol. Chem. 278(16), 14066-14073 (2003).
Other Notes	Small volumes of anti-FRAT1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



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



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

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FRAT1. It may not necessarily be applicable to this product.

NCBI GI #	31317236
NCBI GeneID	10023
NCBI Accession #	NP_005470
UniProt Primary Accession #	Q92837
UniProt Secondary Accession #	Q5JTI1; Q8NE74; Q8TDW9
UniProt Related Accession #	Q92837
GenBank Nucleotide #	NM_005479
NCBI Official Full Name	proto-oncogene FRAT1
NCBI Official Synonym Full Names	frequently rearranged in advanced T-cell lymphomas 1
NCBI Official Symbol	FRAT1
UniProt Protein Name	Proto-oncogene FRAT1
UniProt Synonym Protein Names	Frequently rearranged in advanced T-cell lymphomas 1; FRAT-1
Protein Family	Proto-oncogene
UniProt Gene Name	FRAT1
UniProt Synonym Gene Names	FRAT-1
UniProt Entry Name	FRAT1_HUMAN
NCBI Protein Information	proto-oncogene FRAT1; FRAT-1
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