

Rabbit anti-Human FFAR3 Polyclonal Antibody | anti-FFAR3 antibody

FFAR3 Antibody (C-term)

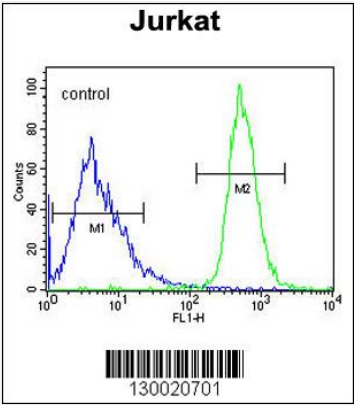
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285049	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

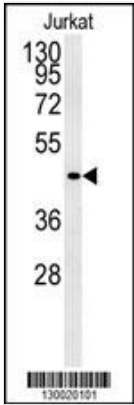
FFAR3; Polyclonal Antibody; FFAR3 Antibody (C-term); Free fatty acid receptor 3; G-protein coupled receptor 41; GPR41; anti-FFAR3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FFAR3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 293-322 amino acids from the C-terminal region of human FFAR3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	293-322
Sequence Length	346
Applicable Applications for anti-FFAR3 antibody	FCM/FACS (Flow Cytometry), 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.



FCM/FACS (Flow Cytometry)
FFAR3 Antibody (C-term) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of FFAR3 Antibody (C-term) in Jurkat cell line lysates (35ug/lane).FFAR3 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-FFAR3 antibody	FFAR3 is receptor for short chain fatty acids. The activity of this receptor is coupled to the formation of inositol 1,4,5-trisphosphate, intracellular Ca2+ mobilization, the activation of ERK 1/2 and inhibition of intracellular cAMP accumulation.
Product Categories/Family for anti-FFAR3 antibody	Cardiovascular; Metabolism; Neuroscience; Signal Transduction; Autophagy
References	Liaw, C.W., et al. DNA Cell Biol. 28(11):555-560(2009) Tazoe, H., et al. Biomed. Res. 30(3):149-156(2009) Stoddart, L.A., et al. J. Biol. Chem. 283(47):32913-32924(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885329
NCBI GeneID	2865
NCBI Accession #	NP_005295.1
NCBI GenBank Nucleotide #	NM_005304.3
UniProt Accession #	O14843; Q14CM7; B2RWM8
Molecular Weight	38649
NCBI Official Full Name	free fatty acid receptor 3
NCBI Official Synonym Full Names	free fatty acid receptor 3
NCBI Official Symbol	FFAR3
NCBI Official Synonym Symbols	FFA3R; GPR41
NCBI Protein Information	free fatty acid receptor 3
UniProt Protein Name	Free fatty acid receptor 3
UniProt Gene Name	FFAR3
UniProt Synonym Gene Names	GPR41
UniProt Entry Name	FFAR3_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/ffar3-antibody-flow-cytometry-western-blot-elisa/285049>