



[Go to Product page](#)

Datasheet for ABIN2854693
anti-FFAR1 antibody (C-Term)

3 Images

Overview

Quantity:	100 µL
Target:	FFAR1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FFAR1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human GPR40. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Pig
Characteristics:	Rabbit Polyclonal antibody to GPR40 (free fatty acid receptor 1) GPR40 antibody [C2C3], C-term
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	FFAR1
---------	-------

Target Details

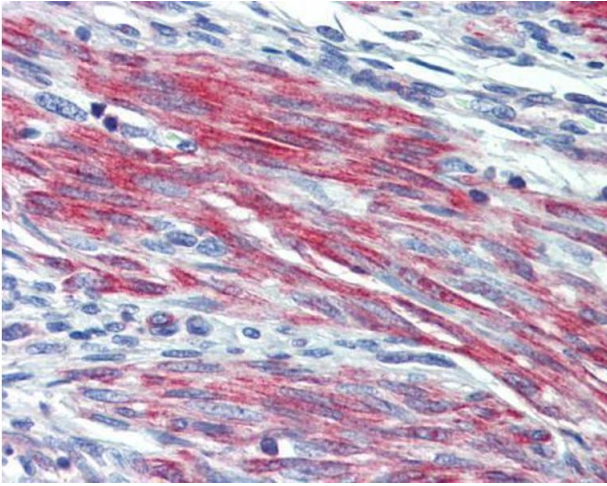
Alternative Name:	free fatty acid receptor 1 (FFAR1 Products)
Background:	<p>This gene encodes a member of the GP40 family of G protein-coupled receptors that are clustered together on chromosome 19. The encoded protein is a receptor for medium and long chain free fatty acids and may be involved in the metabolic regulation of insulin secretion. Polymorphisms in this gene may be associated with type 2 diabetes.</p> <p>Cellular Localization: Cell membrane, Multi-pass membrane protein</p>
Molecular Weight:	31 kDa
Gene ID:	2864
UniProt:	O14842
Pathways:	Positive Regulation of Peptide Hormone Secretion , Hormone Transport , Peptide Hormone Metabolism , Carbohydrate Homeostasis

Application Details

Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Molt-4 , Raji
Restrictions:	For Research Use only

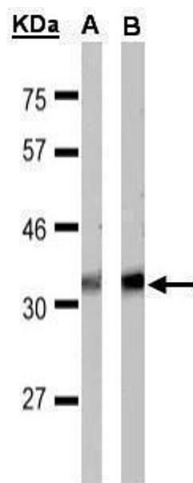
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



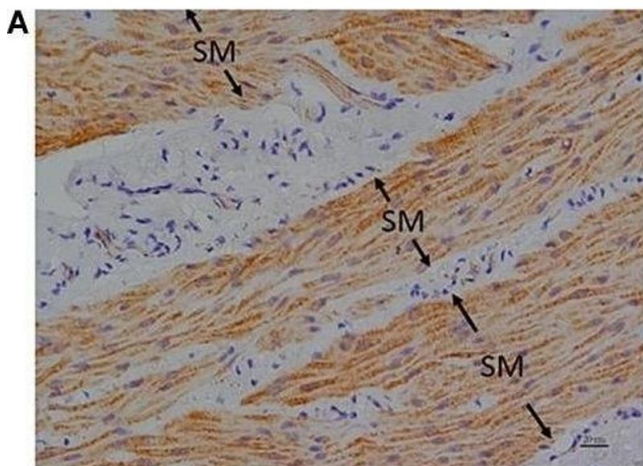
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded human uterus, myometrium, using GPR40, antibody(10 µg/ml).



Western Blotting

Image 2. WB Image Sample(30 µg of whole cell lysate) A:MOLT4 , B:Raji , 15% SDS PAGE antibody diluted at 1:1000



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemical studies with an anti-FFA1 antibody on porcine lower esophageal sphincter. Tissue sections were stained with an anti-FFA1 antibody and stained with DAB (3,3'-diaminobenzidine tetrahydrochloride) as a chromogen. Free fatty acid receptor 1 immunostaining was detected in the smooth muscle (SM) of the paraffin-embedded LES sling (A) and clasp (B) muscles (magnification 400x). The negative controls in the sling (C) and clasp (D) muscle were stained with equimolar concentrations of normal rabbit IgG (magnification 400x). - figure provided by CiteAb. Source: PMID31214048