

Datasheet for ABIN2792205
anti-FFAR1 antibody (N-Term)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

Quantity:	100 µL
Target:	FFAR1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Pig, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FFAR1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human FFAR1
Sequence:	KVSEAAISLL VLIIITSAS RSQPKVPEWV NTPSTCCLKY YEKVLPRRLV
Predicted Reactivity:	Cow: 100%, Dog: 100%, Human: 100%, Mouse: 85%, Pig: 92%, Rat: 85%
Characteristics:	This is a rabbit polyclonal antibody against FFAR1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	FFAR1
Alternative Name:	FFAR1 (FFAR1 Products)

Target Details

Background:	FFAR1 is receptor for medium and long chain saturated and unsaturated fatty acids. It binding of the ligand increase intracellular calcium concentration and amplify glucose-stimulated insulin secretion. The activity of this receptor is mediated by G-proteins that activate phospholipase C. Alias Symbols: FFA1R, GPCR40, GPR40 Protein Interaction Partner: GNAQ, GNAI1, Protein Size: 300
Molecular Weight:	31 kDa
Gene ID:	2864
NCBI Accession:	NM_005303 , NP_005294
UniProt:	O14842
Pathways:	Positive Regulation of Peptide Hormone Secretion , Hormone Transport , Peptide Hormone Metabolism , Carbohydrate Homeostasis

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 300 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

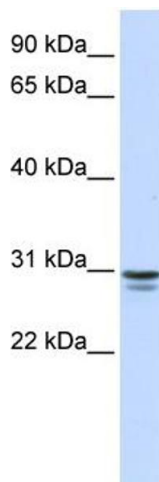
Handling

aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Larkin, Costantino, Seaman, Lavoie: "Calnuc Function in Endosomal Sorting of Lysosomal Receptors." in: **Traffic (Copenhagen, Denmark)**, Vol. 17, Issue 4, pp. 416-32, (2016) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-FFAR1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: Human Liver