

# FFAR1 Antibody, FITC conjugated



PACO56794

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## Product Information

**Size:**

50ug

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA

**Recommended dilutions:****Protein Background:**

G-protein coupled receptor for medium and long chain saturated and unsaturated fatty acid, that plays an important role in glucose homeostasis. Fatty acid, binding increases glucose-stimulated insulin secretion, and may also enhance the secretion of glucagon-like peptide 1 (GLP-1). May also play a role in bone homeostasis; receptor signaling activates pathways that inhibit osteoclast differentiation. Ligand binding leads to a conformation change that triggers signaling via G-proteins that activate phospholipase C, leading to an increase of the intracellular calcium concentration. Seems to act through a G(q) and G(i)-mediated pathway.

**Gene ID:**

FFAR1

**Uniprot**

O14842

**Synonyms:**

Free fatty acid, receptor 1 (G-protein coupled receptor 40), FFAR1, GPR40

**Immunogen:**

Recombinant Human Free fatty acid, receptor 1 protein (143-178AA).

**Storage:**

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

## Product Images

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N/A

N/A