



# Anti-FFAR4 (internal region) polyclonal antibody (DPAB-DC1643)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a G protein-coupled receptor (GPR) which belongs to the rhodopsin family of GPRs. The encoded protein functions as a receptor for free fatty acids, including omega-3, and participates in suppressing anti-inflammatory responses and insulin sensitizing. Multiple transcript variants encoding different isoforms have been found for this gene.
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids at internal region of human O3FAR1. The sequence is C-YSESHQIRVSQQD
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA,
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/mL
<b>Size</b>	100 µg
<b>Buffer</b>	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">FFAR4 free fatty acid receptor 4 [ Homo sapiens (human) ]</a>
Official Symbol	FFAR4
Synonyms	FFAR4; free fatty acid receptor 4; GT01; PGR4; BMIQ10; GPR120; GPR129; O3FAR1; omega-3 fatty acid receptor 1; G-protein coupled receptor 120; G-protein coupled receptor 129; G-protein coupled receptor GT01; G-protein coupled receptor PGR4;
Entrez Gene ID	<a href="#">338557</a>
Protein Refseq	<a href="#">NP_001182684</a>
UniProt ID	<a href="#">B4DWG6</a>
Chromosome Location	10q23.33
Pathway	Class A/1 (Rhodopsin-like receptors); GPCR ligand binding; Metabolism of proteins; Signal Transduction
Function	fatty acid binding; taste receptor activity;