

## Product datasheet for **TA303026**

### GPR40 (FFAR1) Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:16,000. WB: 0.01-0.03µg/ml.
Reactivity:	Human
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence CAARTQGGKSQK, from the C Terminus of the protein sequence according to NP_005294.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	free fatty acid receptor 1
Database Link:	<a href="#">NP_005294</a> <a href="#">Entrez Gene 2864 Human</a> <a href="#">Q14842</a>
Background:	Receptor for medium and long chain saturated and unsaturated fatty acids. 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. Seems to act through a G(q) and G(i)-mediated pathway
Synonyms:	FFA1R; GPCR40; GPR40
Protein Families:	Druggable Genome, GPCR, Transmembrane



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**Product images:**

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa  
10kDa

TA303026 (0.01ug/ml) staining of Human Breast lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.