

## Product datasheet for **TA330390**

### GPR40 (FFAR1) Rabbit Polyclonal Antibody

#### Product data:

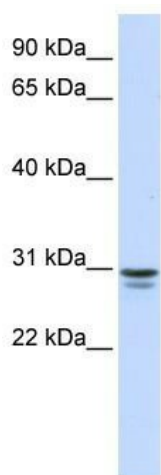
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-FFAR1 antibody: synthetic peptide directed towards the N terminal of human FFAR1. Synthetic peptide located within the following region: KVSEAALSLVLILIIITSASRSQPKVPEWVNTPSTCCLKYYEKVLPRLV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	31 kDa
Gene Name:	free fatty acid receptor 1
Database Link:	<a href="#">NP_005294</a> <a href="#">Entrez Gene 2864 Human O14842</a>
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.
Synonyms:	FFA1R; GPCR40; GPR40
Note:	Immunogen sequence homology: Bovine: 100%; Dog: 100%; Human: 100%; Pig: 92%; Mouse: 85%; Rat: 85%



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Protein Families: Druggable Genome, GPCR, Transmembrane

### Product images:



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