

Product datasheet for **AP23088PU-N**

GPR40 (FFAR1) Rabbit Polyclonal Antibody

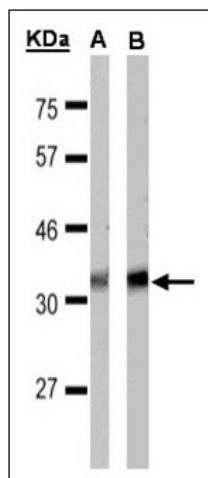
Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Immunohistochemistry on Paraffin Sections: 10 µg/ml. Western Blot: 1/500 - 1/3000.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide containing a sequence corresponding to a region within amino acids 239 and 300 of Human GPR40
Specificity:	This antibody detects FFAR1 / GPR40.
Formulation:	PBS, pH 7 containing 1% BSA, 20% Glycerol and 0.01% Thimerosal State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	free fatty acid receptor 1
Database Link:	Entrez Gene 2864 Human O14842
Background:	GPR40 is classified as a Carboxylic Acid GPCR that may be associated with glucose and insulin secretion to regulate pancreatic islet function. Additional roles in neurological functions have also been speculated.
Synonyms:	Free fatty acid receptor 1, G-protein coupled receptor 40
Protein Families:	Druggable Genome, GPCR, Transmembrane

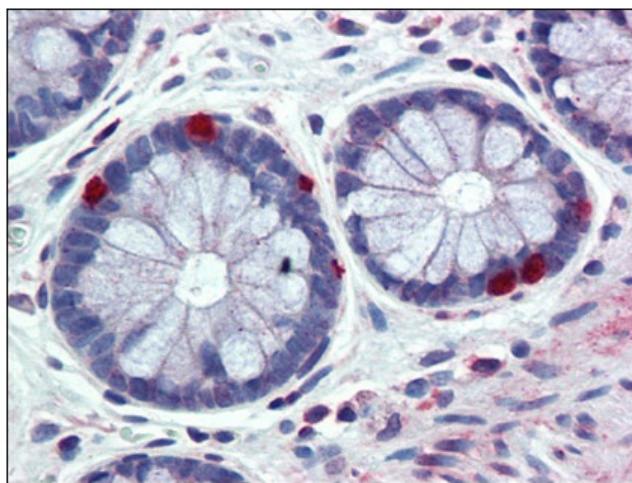


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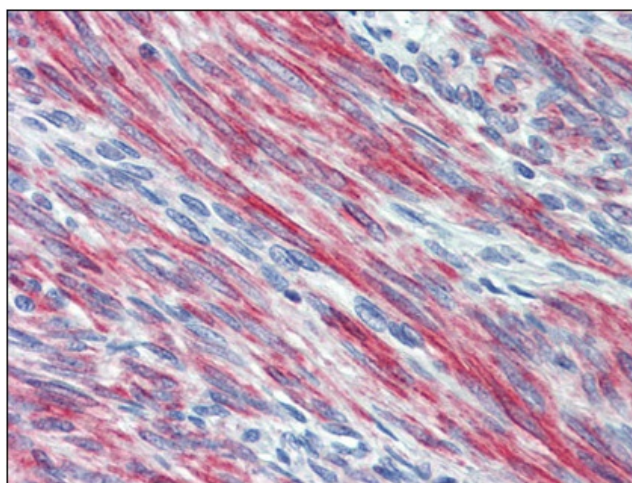
Product images:



Western blot: Sample (30 ug of whole cell lysate).
A: MOLT4. B: Raji. 15% SDS PAGE. FFAR1 antibody diluted at 1:1000



Human Colon: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Uterus: Formalin-Fixed, Paraffin-Embedded (FFPE)