

Rabbit GPR40 Polyclonal Antibody | anti-GPR40 antibody

GPR40 Polyclonal Antibody

CATALOG # AAA29032	HOST Rabbit	REACTIVITY Human, Monkey	APPLICATIONS Western Blot, Immunofluorescence
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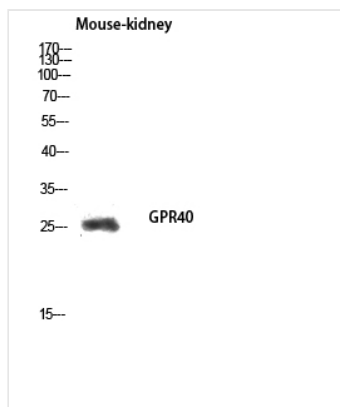
PRODUCT SYNONYMS

GPR40; Polyclonal Antibody; GPR40 Polyclonal Antibody; FFAR1; Free fatty acid receptor 1; G-protein coupled receptor 40; anti-GPR40 antibody

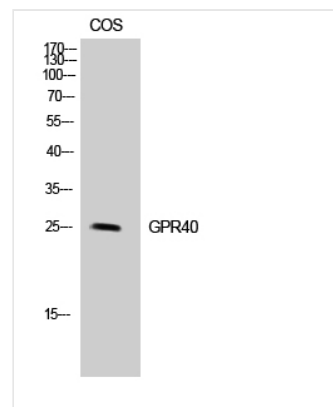
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Monkey
Clonality	Polyclonal
Applicable Applications for anti-GPR40 antibody	WB (Western Blot), IF (Immunofluorescence)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

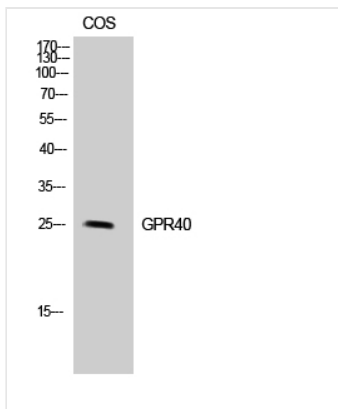


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000.
Not yet tested in other applications.


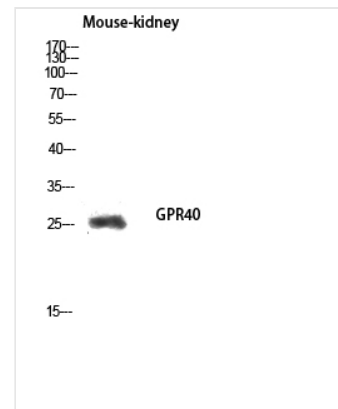
Application Data

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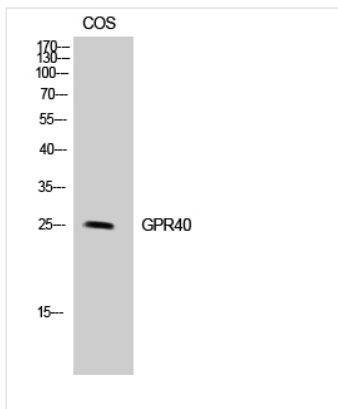
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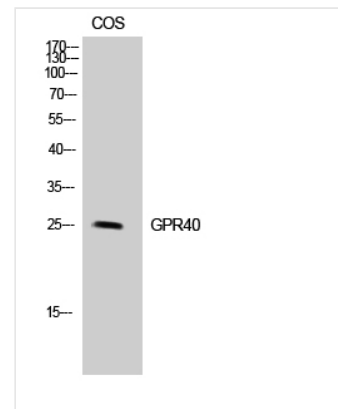
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ADDITIONAL INFORMATION

Related Product Information for anti-GPR40 antibody

G-protein coupled receptor for medium and long chain saturated and unsaturated fatty acids 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 (By similarity). 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885327
NCBI GeneID	2864
NCBI Accession #	NP_005294.1
NCBI GenBank Nucleotide #	NM_005303.2
UniProt Accession #	O14842; Q0VAS2; Q4VBL4
Molecular Weight	31,457 Da
NCBI Official Full Name	free fatty acid receptor 1
NCBI Official Synonym Full Names	free fatty acid receptor 1
NCBI Official Symbol	FFAR1

NCBI Official Synonym Symbols	FFA1R; GPR40; GPCR40
NCBI Protein Information	free fatty acid receptor 1; G protein-coupled receptor 40; G-protein coupled receptor 40
UniProt Protein Name	Free fatty acid receptor 1
UniProt Gene Name	FFAR1
UniProt Synonym Gene Names	GPR40
UniProt Entry Name	FFAR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gpr40-antibody-western-blot-immunofluorescence-elisa/29032>