



GPR40 rabbit pAb

Cat No.:ES5617

For research use only

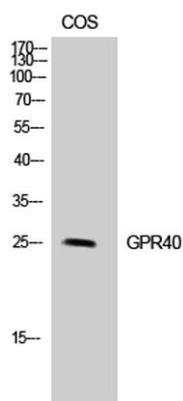
Overview

Product Name	GPR40 rabbit pAb
Host species	Rabbit
Applications	WB;IF;ELISA
Species Cross-Reactivity	Human;Monkey
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human FFAR1. AA range:185-234
Specificity	GPR40 Polyclonal Antibody detects endogenous levels of GPR40 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Free fatty acid receptor 1
Gene Name	FFAR1
Cellular localization	Cell membrane ; Multi-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	26kD
Human Gene ID	2864
Human Swiss-Prot Number	O14842
Alternative Names	FFAR1; GPR40; Free fatty acid receptor 1; G-protein coupled receptor 40
Background	This gene encodes a member of the GP40 family of G protein-coupled receptors that are clustered together on chromosome 19. The encoded protein is a receptor for medium and long chain free fatty acids and may be involved in the metabolic

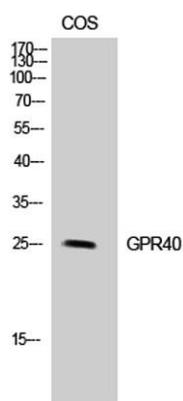




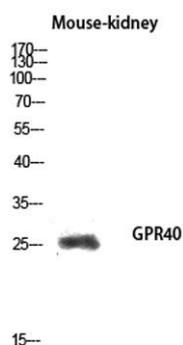
regulation of insulin secretion. Polymorphisms in this gene may be associated with type 2 diabetes. [provided by RefSeq, Apr 2009],



Western Blot analysis of COS7 cells using GPR40 Polyclonal Antibody diluted at 1:500



Western Blot analysis of COS-7 cells using GPR40 Polyclonal Antibody diluted at 1:500



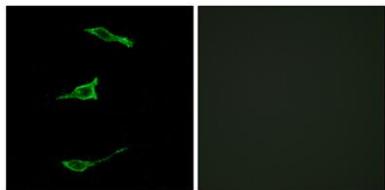
Western blot analysis of Mouse-kidney lysis using GPR40 antibody. Antibody was diluted at 1:500





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Immunofluorescence analysis of LOVO cells, using FFAR1 Antibody. The picture on the right is blocked with the synthesized peptide.



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