

Anti-GPR55 antibody



Description	Unconjugated Rabbit polyclonal to GPR55
Model	STJ192633
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human GPR55 protein.
Immunogen Region	160-240aa
Gene ID	9290
Gene Symbol	GPR55
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	GPR55 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Expressed in the caudate nucleus and putamen, but not detected in the hippocampus, thalamus, pons cerebellum, frontal cortex of the brain or in the liver. Expressed in osteoclasts and osteoblasts.
Purification	GPR55 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	G-protein coupled receptor 55
Molecular Weight	35 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:4511OMIM:604107
Alternative Names	G-protein coupled receptor 55
Function	May be involved in hyperalgesia associated with inflammatory and neuropathic pain . Receptor for L-alpha-lysophosphatidylinositol (LPI). LPI induces Ca(2+) release from intracellular stores via the heterotrimeric G protein GNA13 and RHOA. Putative cannabinoid receptor. May play a role in bone physiology by regulating osteoclast number and function.
Cellular Localization	Cell membrane

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