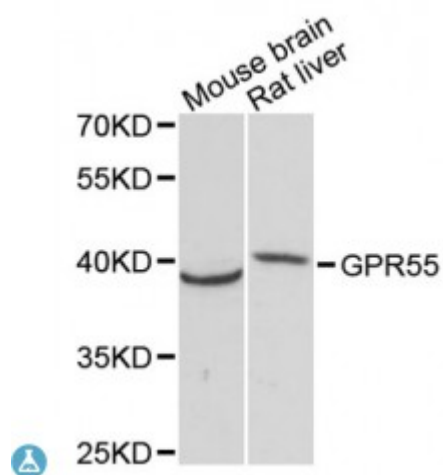


Anti-GPR55 Antibody



Description

This gene belongs to the G-protein-coupled receptor superfamily. The encoded integral membrane protein is a likely cannabinoid receptor. It may be involved in several physiological and pathological processes by activating a variety of signal transduction pathways.

Model	STJ114756
Host	Rabbit
Reactivity	Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 210-319 of human GPR55 (NP_005674.2).
Gene ID	9290
Gene Symbol	GPR55
Dilution range	WB 1:500 - 1:2000
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	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	G-protein coupled receptor 55
Molecular Weight	36.637 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:4511 OMIM:604107 Reactome:R-HSA-373076
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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