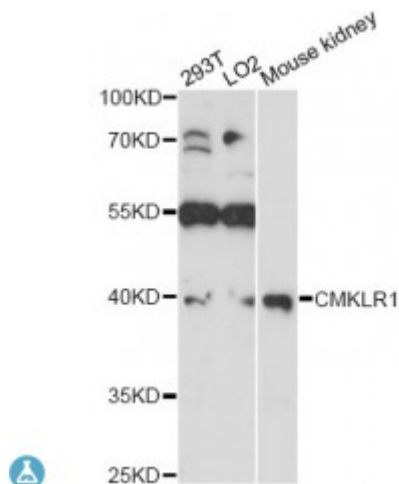


Anti-CMKLR1 Antibody



Model	STJ117431
Host	Rabbit
Reactivity	Human, Mouse
Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 250-350 of human CMKLR1 (NP_001135815.1).
Gene ID	1240
Gene Symbol	CMKLR1
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Prominently expressed in developing osseous and cartilaginous tissue, Also found in adult parathyroid glands, Expressed in cardiovascular system, brain, kidney, gastrointestinal tissues and myeloid tissues, Expressed in a broad array of tissues associated with hematopoietic and immune function including, spleen, thymus, appendix, lymph node, bone marrow and fetal liver, Among leukocyte populations abundant expression in monocyte-derived macrophage and immature dendritic cells (DCs), High expression in blood
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Chemokine-like receptor 1 G-protein coupled receptor ChemR23 G-protein coupled receptor DEZ
Molecular Weight	42.322 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:2121OMIM:602351Reactome:R-HSA-373076
Alternative Names	Chemokine-like receptor 1 G-protein coupled receptor ChemR23 G-protein coupled receptor DEZ
Function	Receptor for the chemoattractant adipokine chemerin/RARRES2 and for the omega-3 fatty acid derived molecule resolvin E1, Interaction with RARRES2 induces activation of intracellular signaling molecules, such as SKY, MAPK1/3 (ERK1/2), MAPK14/P38MAPK and PI3K leading to multifunctional effects, like, reduction of immune responses, enhancing of adipogenesis and angionesis, Resolvin E1 down-regulates cytokine production in macrophages by reducing the activation of MAPK1/3 (ERK1/2) and NF-kappa-B, Positively regulates adipogenesis and adipocyte metabolism, Acts as a coreceptor for several SIV strains (SIVMAC316, SIVMAC239, SIVMACL7E-FR and SIVSM62A), as well as a primary HIV-1 strain (92UG024-2),
Cellular Localization	Cell membrane

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