

# CMKLR1 Antibody

<b>Product Code</b>	CSB-PA140333
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	Q99788
<b>Immunogen</b>	Synthesized peptide derived from internal of Human CMKLR1.
<b>Raised In</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Specificity</b>	The antibody detects endogenous levels of total CMKLR1 protein.
<b>Tested Applications</b>	ELISA, WB; WB: 1:500-1:3000
<b>Relevance</b>	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 angiogenesis. 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).
	Methner A., Biochem. Biophys. Res. Commun. 233:336-342(1997). Samson M., Eur. J. Immunol. 28:1689-1700(1998). Hillman R.T., Genome Biol. 5:RESEARCH008.1-RESEARCH008.16(2004).
<b>Form</b>	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification Method</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Alias</b>	Chemokine receptor-like 1; G-protein coupled receptor DEZ; G-protein coupled receptor ChemR23; CHEMR23; DEZ
<b>Product Type</b>	Polyclonal Antibody
<b>Species</b>	Homo sapiens (Human)
<b>Target Names</b>	CMKLR1
<b>Image</b>	

