

CMKLR1 Polyclonal Antibody

Catalog No. E-AB-17705

Note: Centrifuge before opening to ensure complete recovery of vial contents.

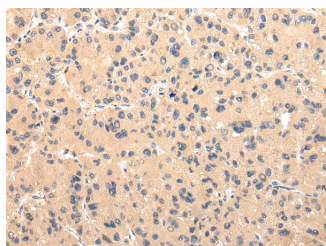
Description

Reactivity	Human
Immunogen	Synthetic peptide of human CMKLR1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Applications Recommended Dilution

IHC	1:25-100
ELISA	1:2000-5000

Data



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using CMKLR1 Polyclonal Antibody at dilution 1:30

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

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).

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