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Datasheet for ABIN6281934

anti-CMKLR1 antibody (Internal Region)

Overview

Quantity:	50 µL
Target:	CMKLR1
Binding Specificity:	AA 190-270, Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CMKLR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	<p>ChemR23 is a protein encoded by the CMKLR1 gene which is approximately 42,3 kDa. ChemR23 is localised to the cell membrane. It is involved in the peptide ligand-binding receptors and is a receptor for the chemo-attractant adipokine chemerin/RARRES2 and for the omega-3 fatty acid derived molecule resolvin E1. Interaction with RARRES2 also induces activation of intracellular signalling molecules. ChemR23 is prominently expressed in developing osseous and cartilaginous tissue. Mutations in the CMKLR1 gene may result in Cataract and Alzheimer's disease. STJ92262 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This polyclonal antibody detects endogenous levels of ChemR23 protein.</p>
Immunogen:	Synthesized peptide derived from human ChemR23
Isotype:	IgG

Product Details

Specificity:	ChemR23 Polyclonal Antibody detects endogenous levels of ChemR23 protein.
Characteristics:	Rabbit polyclonal to ChemR23.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	CMKLR1
Alternative Name:	ChemR23 (CMKLR1 Products)
Molecular Weight:	42 kDa
Gene ID:	1240
UniProt:	Q99788

Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:20000
Comment:	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 monocytes and low levels in polymorphonuclear cells and T-cells. Expressed on endothelial cells. Highly expressed in differentiating adipocytes.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.

Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.