SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-chemerin antibody

SL10410R

Product Name	chemerin
Chinese Name	趋化素抗体
Alias	Rarres2; TIG2; tazarotene induced gene 2; Retinoic acid receptor responder protein 2; Tazarotene-induced gene 2 protein; RAR-responsive protein TIG2; Chemerin.
Research Area	Tumour Cardiovascular Signal transduction Lipoprotein The new supersedes the old
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human,Mouse,Rat,Rabbit
Applications	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	18kDa
Cellular localization	Secretory protein
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from rabbit chemerin: 101-163/163
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	Chemerin, also known as retinoic acid receptor responder 2 (RARRES2) and

tazarotene induced gene 2 (TIG2), is a chemoattractant protein for cells expressing G-protein-linked receptor chemokine-like receptor 1 (CMKLR1, ChemR23 or GPCR-DEZ). The protein is synthesized as a secreted precursor, prochemerin (18 kDa), which is poorly active. Upon proteolytic removal of the last six amino acids, prochemerin is converted into mature active chemerin (15-16 kDa) that acts as a strong and highly specific agonist of its receptor CMKLR1. Chemerin is a newly described adipokine with effects on adipocyte differnetiation and metabolism.

Subcellular Location:
Secreted (Potential).

Tissue Specificity:
Highly expressed in skin (basal and suprabasal layers of the epidermis, hair follicles and endothelial cells). Also found in pancreas, liver, spleen, prostate, ovary, small intestine and colon.

SWISS:
Q99969

Gene ID:
5919

Database links:

Entrez Gene: 5919 Human

Omim: 601973 Human

SwissProt: Q99969 Human

Unigene: 647064 Human