

# Chemerin Polyclonal antibody

Catalog Number: 10216-1-AP

Featured Product

5 Publications

## Basic Information

## Catalog Number:

10216-1-AP

## Size:

650 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG0261

## GenBank Accession Number:

BC000069

## GeneID (NCBI):

5919

## UNIPROT ID:

Q99969

## Full Name:

retinoic acid receptor responder  
(tazarotene induced) 2

## Calculated MW:

163 aa, 19 kDa

## Observed MW:

14-19 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:200-1:1000

IHC 1:50-1:500

## Applications

## Tested Applications:

IHC, WB, ELISA

## Cited Applications:

IHC, WB

## Species Specificity:

human, Mouse

## Cited Species:

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Chemerin has low expression in most cells and tissues**

## Positive Controls:

WB : human plasma tissue,

IHC : human placenta tissue, mouse liver tissue

## Background Information

Chemerin, also named as TIG2 and RARRES2, is adipocyte-secreted protein (adipokine) that regulates adipogenesis, metabolism and inflammation through activation of the chemokine-like receptor 1 (CMKLR1). Its other ligands include G protein-coupled receptor 1 (GPR1) and chemokine receptor-like 2 (CCRL2). It positively regulates adipocyte differentiation, modulates the expression of adipocyte genes involved in lipid and glucose metabolism and might play a role in angiogenesis, a process essential for the expansion of white adipose tissue. RARRES2 have both pro- and anti-inflammatory properties depending on the modality of enzymatic cleavage by different classes of proteases. The MW of Chemerin is 14-19 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Ming Yu	36523492	Front Pharmacol	WB, IHC
Xiaoyuan Hu	35155249	Front Oncol	IHC
Xuan Zhou	33843164	J Zhejiang Univ Sci B	WB

## Storage

## Storage:

Store at -20°C. Stable for one year after shipment.

## Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

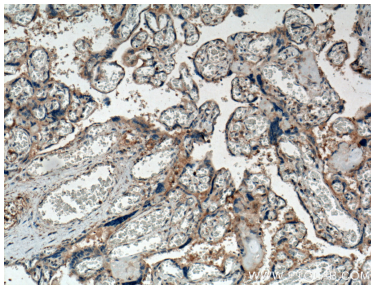
For technical support and original validation data for this product please contact:

T: 4006900926

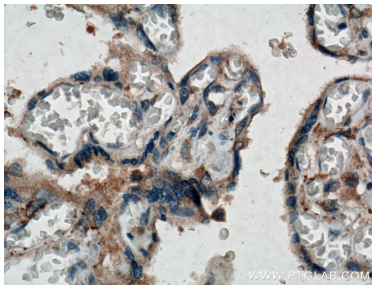
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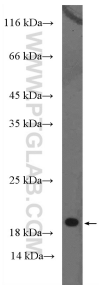
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 10216-1-AP (Chemerin antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 10216-1-AP (Chemerin antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



human plasma were subjected to SDS PAGE followed by western blot with 10216-1-AP (Chemerin antibody at dilution of 1:300 incubated at room temperature for 1.5 hours.