



Datasheet for ABIN1701633

anti-Chemerin antibody (AA 101-163) (Biotin)



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1 Publication

Overview

Quantity:	100 µL
Target:	Chemerin (RARRES2)
Binding Specificity:	AA 101-163
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Chemerin antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from rat chemerin
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Cow,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Chemerin (RARRES2)
Alternative Name:	Chemerin (RARRES2 Products)

Target Details

Background: Synonyms: Rarres2, TIG2, tazarotene induced gene 2, Retinoic acid receptor responder protein 2, Tazarotene-induced gene 2 protein, RAR-responsive protein TIG2, Chemerin.

Background: 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 differentiation and metabolism.

Gene ID: 297073

Pathways: [Brown Fat Cell Differentiation](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months

Publications

Product cited in: Gonzalvo-Feo, Del Prete, Pruenster, Salvi, Wang, Sironi, Bierschenk, Sperandio, Vecchi, Sozzani: "Endothelial cell-derived chemerin promotes dendritic cell transmigration." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 192, Issue 5, pp. 2366-73, (2014) ([PubMed](#)).