

Datasheet for ABIN1715135
anti-Chemerin antibody (AA 101-163)

3 Publications

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Overview

Quantity:	100 µL
Target:	Chemerin (RARRES2)
Binding Specificity:	AA 101-163
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Chemerin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), 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)
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Target Details

Alternative Name:	Chemerin (RARRES2 Products)
Background:	<p>Synonyms: Rarres2, TIG2, tazarotene induced gene 2, Retinoic acid receptor responder protein 2, Tazarotene-induced gene 2 protein, RAR-responsive protein TIG2, Chemerin.</p> <p>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.</p>
Gene ID:	297073
Pathways:	Brown Fat Cell Differentiation

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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.

Handling

Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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](#)).

Akamata, Asano, Taniguchi, Yamashita, Saigusa, Nakamura, Noda, Aozasa, Toyama, Takahashi, Ichimura, Sumida, Tada, Sugaya, Kadono, Sato: "Increased expression of chemerin in endothelial cells due to Fli1 deficiency may contribute to the development of digital ulcers in systemic sclerosis." in: **Rheumatology (Oxford, England)**, (2014) ([PubMed](#)).

Krautbauer, Wanninger, Eisinger, Hader, Beck, Kopp, Schmid, Weiss, Dorn, Buechler: "Chemerin is highly expressed in hepatocytes and is induced in non-alcoholic steatohepatitis liver." in: **Experimental and molecular pathology**, Vol. 95, Issue 2, pp. 199-205, (2013) ([PubMed](#)).