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Datasheet for ABIN1388015 **anti-LGALS12 antibody (AA 101-200)**

Overview

Quantity:	100 µL
Target:	LGALS12
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LGALS12 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Galectin 12/LGALS12
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat
Purification:	Purified by Protein A.

Target Details

Target:	LGALS12
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Target Details

Alternative Name: Galectin 12 ([LGALS12 Products](#))

Background: Synonyms: Galectin related inhibitor of proliferation, galectin-12, GRIP1, Lectin galactoside binding soluble 12 galectin 12, LEG12_HUMAN.

Background: Galectin-12, also designated galectin-related inhibitor of proliferation 1 in mouse, is a 314 amino acid protein encoded by the human gene LGALS12. Galectin-12 is a member of the galectin family consisting of b-galactoside-binding proteins with conserved carbohydrate recognition domains. Galectin-12 binds lactose and may participate in the apoptosis of adipocytes. This protein is preferentially expressed in peripheral blood leukocytes and adipocytes. Galectin-12 is induced by cell cycle block at the G1 phase and causes G1 arrest when overexpressed. The galectin-12 gene is expressed in mouse preadipocytes and is upregulated when preadipocytes undergo cell cycle arrest, concomitant with acquisition of the competence to undergo differentiation in response to adipogenic hormone stimulation. Galectin-12 is an adipocyte-expressed protein which is downregulated by various insulin resistance-inducing hormones. As a result, galectin-12 may play a role in the pathogenesis of insulin resistance.

Gene ID: 85329

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
FCM 1:20-100
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

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

Handling

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