

Datasheet for ABIN6991299 **anti-LYRM1 antibody**



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Overview

Quantity:	0.1 mg
Target:	LYRM1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LYRM1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	LYRM1 antibody was raised against a 17 amino acid synthetic peptide near the center of human LYRM1. The immunogen is located within the first 50 amino acids of LYRM1.
Isotype:	IgG
Purification:	LYRM1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	LYRM1
Alternative Name:	LYRM1 (LYRM1 Products)
Background:	LYRM1 Antibody: LYRM1 was one of many genes identified through a suppression subtractive hybridization comparing their expression in omental adipose tissue of obese patients compared to non-obese individuals. Further study confirms that both mRNA and protein levels

Target Details

of LYRM1 are higher in obese individuals. LYRM1 is widely expressed, with highest levels occurring in adipose and liver tissues. It is thought that LYRM1 promotes preadipocyte proliferation and can inhibit apoptosis of preadipocytes. Ectopic LYRM1 expression did not significantly affect adipogenesis, suggesting that LYRM1 can influence adipose tissue homeostasis by modulating the size of the preadipocyte pool.

Gene ID:	57149
UniProt:	O43325

Application Details

Application Notes:	LYRM1 antibody can be used for detection of LYRM1 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in human samples, Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	LYRM1 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	LYRM1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.