

Product Datasheet

DGAT2 Antibody - BSA Free

NBP1-71701

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 9

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NBP1-71701

DGAT2 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS

Product Description

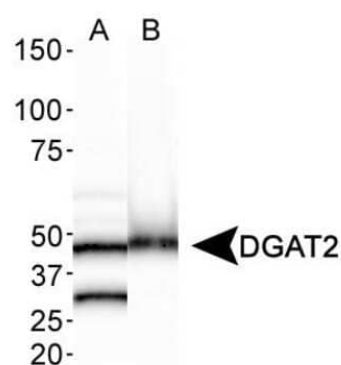
Description	Novus Biologicals Rabbit DGAT2 Antibody - BSA Free (NBP1-71701) is a polyclonal antibody validated for use in WB. Anti-DGAT2 Antibody: Cited in 9 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	84649
Gene Symbol	DGAT2
Species	Human, Mouse, Rat
Reactivity Notes	Immunogen has 100% identity to bovine and porcine, and 88% identity to Xenopus. Rat reactivity reported in scientific literature (PMID:33129840).
Immunogen	A synthetic peptide made to an internal region of the human DGAT2 protein (within residues 200-300). [Swiss-Prot Q96PD7]

Product Application Details

Applications	Western Blot
Recommended Dilutions	Western Blot 1 ug/ml

Images

Western Blot: DGAT2 Antibody [NBP1-71701] - Analysis of DGAT2 in A. human liver lysate and B. mouse brain lysate.



Publications

Yamasaki S, Kimura G, Koizumi K et al. Maternal green tea extract intake during lactation attenuates hepatic lipid accumulation in adult male rats exposed to a continuous high-fat diet from the foetal period Food & Nutrition Research 2020-10-05 [PMID: 34908919]

Romano A, Friuli M, Del Coco L, et al. Chronic Oleoylethanolamide Treatment Decreases Hepatic Triacylglycerol Level in Rat Liver by a PPAR γ /SREBP-Mediated Suppression of Fatty Acid and Triacylglycerol Synthesis Nutrients 2021-01-27 [PMID: 33513874]

Moliterni C, Vari F, Schifano E et Al. Lipotoxicity of palmitic acid is associated with DGAT1 downregulation and abolished by PPAR γ activation in liver cells J Lipid Res 2024-11-04 [PMID: 39505261]

Eui-Jin Lee, Yeon-Pyo Hong, Yun-Jung Yang Short-term exposure to di(2-ethylhexyl)phthalate may disrupt hepatic lipid metabolism through modulating the oxidative stress in male adolescent rats Environmental Analysis, Health and Toxicology 2024-03-01 [PMID: 38631399]

S T, S L, F G et al. An aqueous olive leaf extract (OLE) ameliorates parameters of oxidative stress associated with lipid accumulation and induces lipophagy in human hepatic cells Food & function 2023-06-19 [PMID: 37294271] (WB, Human)

Details:
1:1000 dilution

Kim JH, Nagappan A, Jung DY Et al. Histone Demethylase KDM7A Contributes to the Development of Hepatic Steatosis by Targeting Diacylglycerol Acyltransferase 2 International journal of molecular sciences 2021-10-14 [PMID: 34681759] (WB, Mouse)

Zhang J, Novakovic N, Hua Y et al. Role of lipocalin-2 in extracellular peroxiredoxin 2-induced brain swelling, inflammation and neuronal death Experimental Neurology [PMID: 33129840] (WB, Rat)

Paland N, Gamliel-Lazarovich A, Coleman R, Fuhrman B. Urokinase-type plasminogen activator (uPA) stimulates triglyceride synthesis in Huh7 hepatoma cells via p38-dependent upregulation of DGAT2. Atherosclerosis. 2014-09-09 [PMID: 25244504] (WB, Human)

Yang A, Gyulay G, Mitchell M et al. Hypomorphic sialidase expression decreases serum cholesterol by downregulation of VLDL production in mice J Lipid Res 2012-12-01 [PMID: 22984145]



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Products Related to NBP1-71701

H00011332-B01P	ACOT7 Antibody - Azide and BSA Free
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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