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Datasheet for ABIN571229

anti-MGAT1 antibody (Internal Region)

1 Image

Overview

Quantity:	100 µg
Target:	MGAT1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MGAT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	MGAT1
Immunogen:	C-QVEKVRTNDR
Sequence:	QVEKVRTNDR
Isotype:	IgG
Specificity:	Reported variants represent identical protein: NP_002397.2, NP_001108090.1, NP_001108091.1, NP_001108092.1, NP_001108089.1.
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

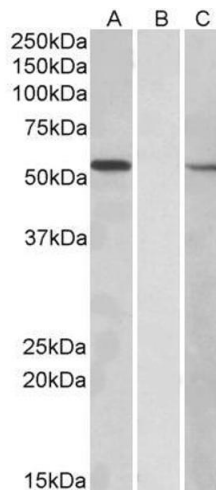
Target:	MGAT1
Alternative Name:	MGAT1 (MGAT1 Products)
Background:	MGAT1, mannosyl (alpha-1,3-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase, GLCNAC-TI, GLCT1, GLYT1, GNT-1, GNT-I, MGAT, N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase, OTTHUMP00000161546
Gene ID:	4245, 17308, 81519
NCBI Accession:	NP_002397

Application Details

Application Notes:	Western Blot: In transfected HEK293 transiently expressing full-length Human MGAT1 (myc and DYKDDDDK tagged), a band of approx. 55 kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-myc tag antibody. Peptide ELISA: antibody detection limit dilution 1:8000.
Comment:	Purchase the +ve control! The transfected lysate used to QC this product is available for sale. Please email sales@everestbiotech.com to request datasheet, pricing and delivery information.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human MGAT1 with C-terminal MYC tag probed with ABIN571229 (1ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with ABIN571229 (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.