

Rabbit MGAT2 Polyclonal Antibody | anti-MGAT2 antibody

MGAT2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199474	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

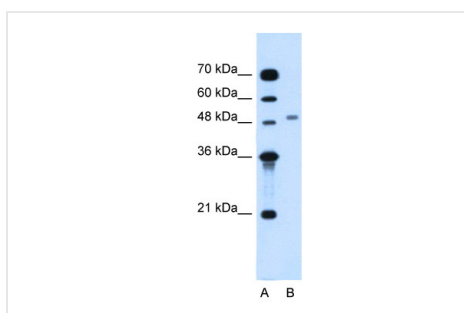
PRODUCT SYNONYMS

MGAT2; Polyclonal Antibody; MGAT2 antibody - middle region; anti-MGAT2 antibody

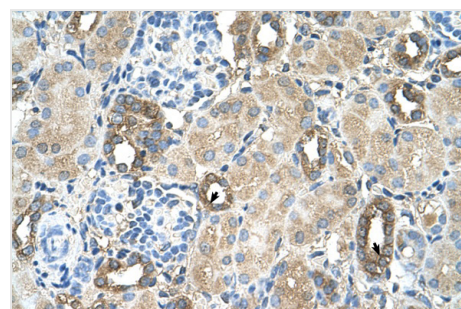
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PK NAALKLGCIN AEYPDSFGHY REAKFSQTKH HWWWKLHFVW ERVKILRD
Sequence Length	447
Applicable Applications for anti-MGAT2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human MGAT2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-MGAT2 Antibody Titration: 1.25ug/ml Positive Control: Jurkat cell lysate


IHC (Immunohistochemistry)

Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-MGAT2 antibody	This is a rabbit polyclonal antibody against MGAT2. It was validated on Western Blot and immunohistochemistry Target Description: MGAT2 is a Golgi enzyme catalyzing an essential step in the conversion of oligomannose to complex N-glycans. The enzyme has the typical glycosyltransferase domains: a short N-terminal cytoplasmic domain, a hydrophobic non-cleavable signal-anchor domain, and a C-terminal catalytic domain. Mutations in its gene may lead to carbohydrate-deficient glycoprotein syndrome, type II.The product of this gene is a Golgi enzyme catalyzing an essential step in the conversion of oligomannose to complex N-glycans. The enzyme has the typical glycosyltransferase domains: a short N-terminal cytoplasmic domain, a hydrophobic non-cleavable signal-anchor domain, and a C-terminal catalytic domain. Mutations in this gene may lead to carbohydrate-deficient glycoprotein syndrome, type II. Two transcript variants encoding the same protein have been identified for this gene.
Product Categories/Family for anti-MGAT2 antibody	Polyclonal; Signal Proteins; Membrane Protein; Drugs and Drug Metabolism; Disease Related; Immunohistochemistry; Glycosylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505163
NCBI GeneID	4247
NCBI Accession #	NP_002399
NCBI GenBank Nucleotide #	NM_002408
UniProt Accession #	Q10469
Molecular Weight	51kDa
NCBI Official Full Name	alpha-1,6-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase
NCBI Official Synonym Full Names	mannosyl (alpha-1,6-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase
NCBI Official Symbol	MGAT2
NCBI Official Synonym Symbols	GNT2; CDG2A; CDGS2; GNT-II; GLCNACTII
NCBI Protein Information	alpha-1,6-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase
UniProt Protein Name	Alpha-1,6-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase
UniProt Gene Name	MGAT2
UniProt Synonym Gene Names	GNT-II

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mgat2-antibody-western-blot-immunohistochemistry-elisa/199474>