

Product datasheet for **TA307945**

MGAT3 Rabbit Polyclonal Antibody

Product data:

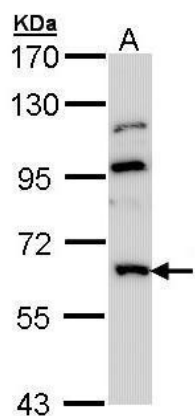
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human (Predicted: Chicken)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 260 and 525 of MGAT3 (Uniprot ID#Q09327)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	61 kDa
Gene Name:	mannosyl (beta-1,4-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase
Database Link:	NP_001091740 Entrez Gene 4248 Human Q09327
Background:	There are believed to be over 100 different glycosyltransferases involved in the synthesis of protein-bound and lipid-bound oligosaccharides. The enzyme encoded by this gene transfers a GlcNAc residue to the beta-linked mannose of the trimannosyl core of N-linked oligosaccharides and produces a bisecting GlcNAc. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]
Synonyms:	GNT-III; GNT3
Note:	Seq homology of immunogen across species: Chicken (93%)
Protein Families:	Transmembrane



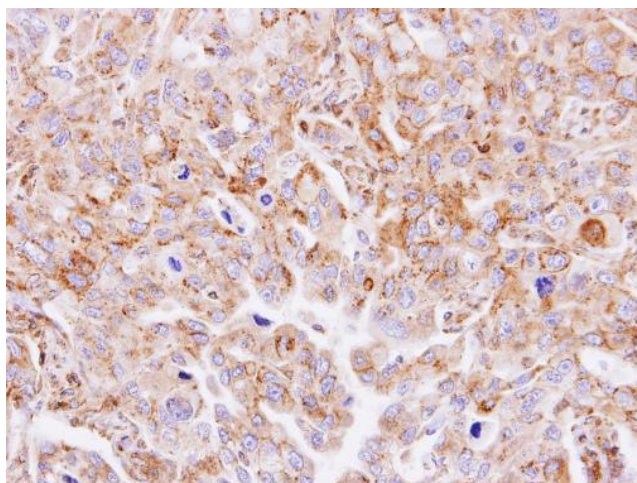
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Protein Pathways: Metabolic pathways, N-Glycan biosynthesis

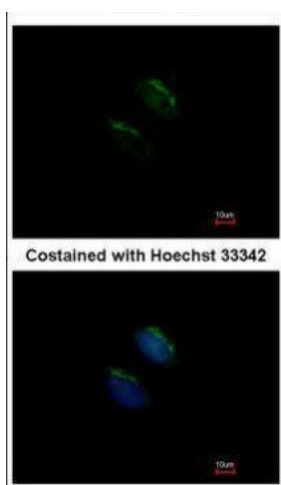
Product images:



Sample (30 ug of whole cell lysate). A: Hep G2. 7.5% SDS PAGE. TA307945 diluted at 1:1000.



Immunohistochemical analysis of paraffin-embedded SW480 xenograft, using MGAT3 (TA307945) antibody at 1:500 dilution.



Immunofluorescence analysis of methanol-fixed HeLa, using GnT-III (TA307945) antibody at 1:200 dilution.