

## Product datasheet for **TA323315**

### ALG9 Rabbit Polyclonal Antibody

#### Product data:

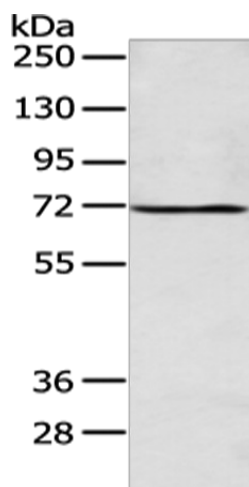
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Human fetal liver tissue IHC: 50-200 Positive control: Human brain Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 427-611 amino acids of human ALG9, alpha-1,2-mannosyltransferase
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	ALG9, alpha-1,2-mannosyltransferase
Database Link:	<a href="#">NP_079016</a> <a href="#">Entrez Gene 102580 Mouse</a> <a href="#">Entrez Gene 79796 Human</a> <a href="#">Q9H6U8</a>
Background:	This gene encodes an alpha-1,2-mannosyltransferase enzyme that functions in lipid-linked oligosaccharide assembly. Mutations in this gene result in congenital disorder of glycosylation type II. Multiple transcript variants encoding different isoforms have been found for this gene.
Synonyms:	CDG1L; DIBD1; GIKANIS; LOH11CR1J
Protein Families:	Transmembrane



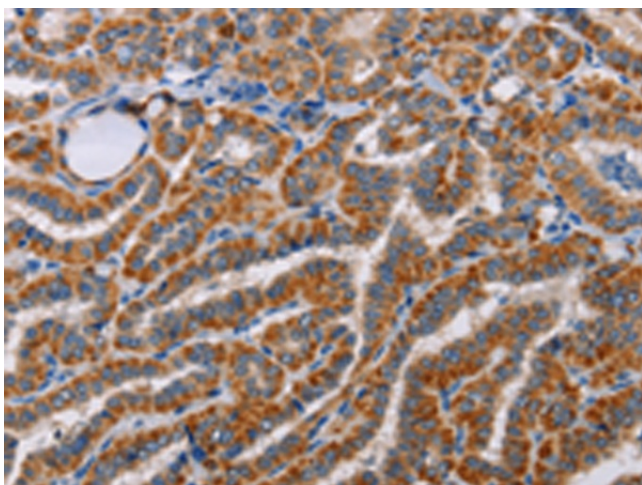
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Protein Pathways: Metabolic pathways, N-Glycan biosynthesis

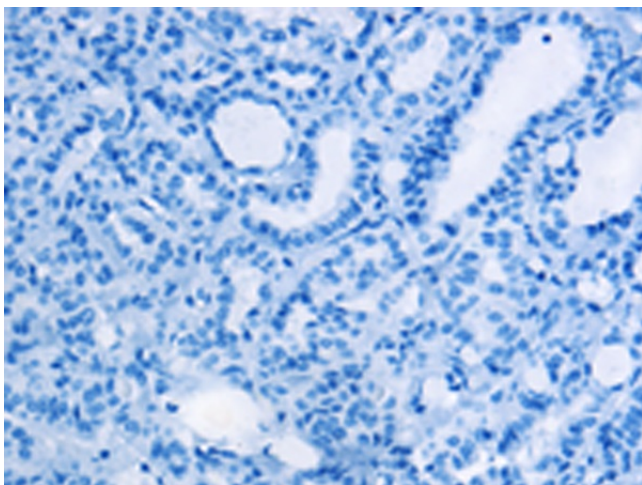
### Product images:



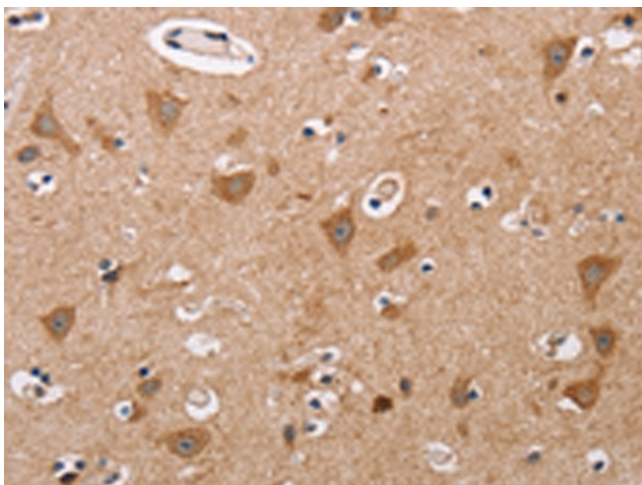
Gel: 8%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane: Human fetal liver tissue  
Primary antibody: TA323315 (ALG9 Antibody) at dilution 1/200  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 1 minute



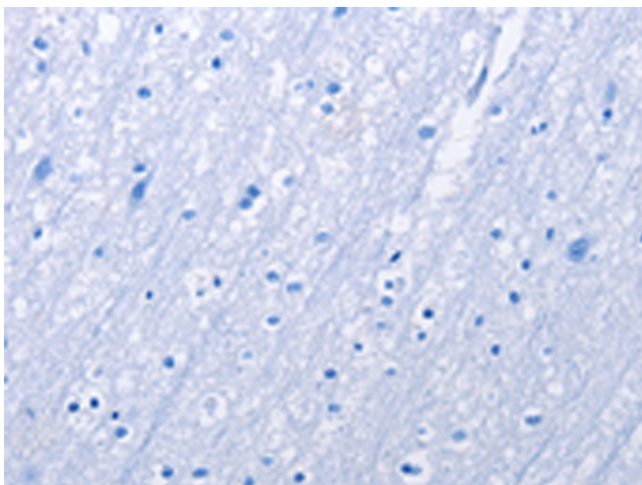
Immunohistochemistry of paraffin-embedded Human brain tissue using TA323315 (ALG9 Antibody) at dilution 1/60 (Original magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA323315 (ALG9 Antibody) at dilution 1/60, treated with fusion protein. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA323315 (ALG9 Antibody) at dilution 1/60 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA323315 (ALG9 Antibody) at dilution 1/60, treated with fusion protein. (Original magnification: x200)