

Product datasheet for **TA370406**

MAN1B1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: HL-60 cell lysate IHC: 50-100 Positive control: Human tonsil Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human MAN1B1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	79 kDa
Gene Name:	mannosidase alpha class 1B member 1
Database Link:	Entrez Gene 11253 Human Q9UKM7

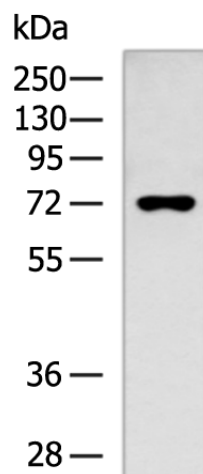
Background: This gene encodes an enzyme belonging to the glycosyl hydrolase 47 family. This enzyme functions in N-glycan biosynthesis, and is a class I alpha-1,2-mannosidase that specifically converts Man9GlcNAc to Man8GlcNAc isomer B. It is required for N-glycan trimming to Man5-6GlcNAc2 in the endoplasmic-reticulum-associated degradation pathway. Mutations in this gene cause autosomal-recessive intellectual disability. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 11.



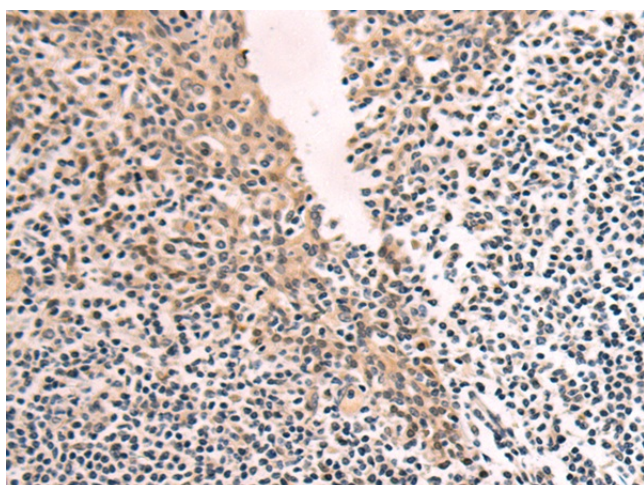
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Synonyms: MANA-ER

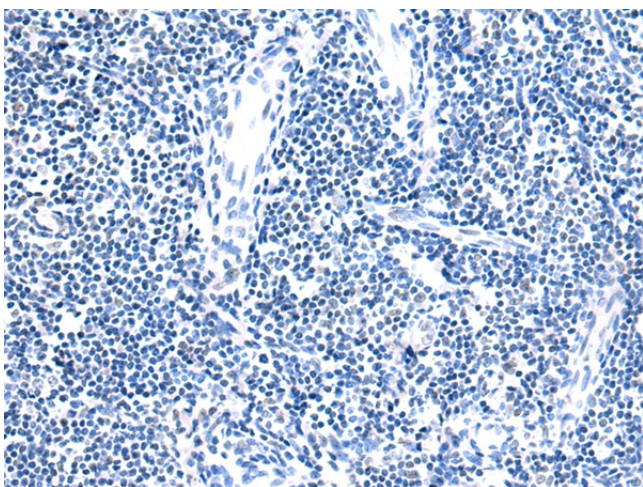
Product images:



Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane: HL-60 cell lysate
Primary antibody: TA370406 (MAN1B1 Antibody) at dilution 1/800
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 1 minute



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA370406 (MAN1B1 Antibody) at dilution 1/145 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA370406 (MAN1B1 Antibody) at dilution 1/145, treated with fusion protein. (Original magnification: x200)