Data Sheet (Cat.No.TMAB-08541)

TargetMol

Anti-MAN2A2 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Dog,Pig,Cow,Horse,Sheep)
Molecular Weight:	Theoretical: 131 kDa. Actual: 131 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: LOVo (Human) Cell Lysate at 30 μg FHC (Human) Cell Lysate at 30 μg Primary: Anti-MAN2A2 (TMAB-08541) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 131 kD Observed band size: 131 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human MAN2A2
Antigen Species:	Human
Gene ID:	4122
Uniprot ID:	P49641

Research Background

MAN2A2 is a single-pass type II membrane protein that localizes to the cisternae of the golgi and is involved in protein modification pathways. More specifically, MAN2A1 uses zinc as a cofactor to catalyze the first committed step in the formation of N-glycans, namely the hydrolysis of the terminal alpha-D-mannose residues in the oligosaccharide Man5(GlcNAc)3.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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