ALG8 Conjugated Antibody

Catalog No: #C36080

Package Size: #C36080-AF350 100ul #C36080-AF405 100ul #C36080-AF488 100ul #C36080-AF555 100ul #C36080-AF594 100ul #C36080-AF647 100ul #C36080-AF680 100ul #C36080-AF750 100ul #C36080-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	ALG8 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ALG8 protein.
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human ALG8, alpha-1,3-glucosyltransferase
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CDG1H
Accession No.	Swiss-Prot#:Q9BVK2NCBI Gene ID:79053NCBI Protein#:BC001133
Uniprot	Q9BVK2
GeneID	79053;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

This gene encodes a member of the ALG6/ALG8 glucosyltransferase family. The encoded protein catalyzes the addition of the second glucose residue to the lipid-linked oligosaccharide precursor for N-linked glycosylation of proteins. Mutations in this gene have been associated with congenital disorder of glycosylation type Ih (CDG-Ih). Alternatively spliced transcript variants encoding different isoforms have been identified.

Note: This product is for in vitro research use only