Datasheet for ABIN2774385

anti-PMM2 antibody (Middle Region)

1 Image

Go to Product page

Overview

Quantity:	100 µL
Target:	PMM2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Guinea Pig, Dog, Horse, Cow, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PMM2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	IEFRNGMLNV SPIGRSCSQE ERIEFYELDK KENIRQKFVA DLRKEFAGKG
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%, Zebrafish: 77%
Characteristics:	This is a rabbit polyclonal antibody against PMM2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	PMM2
Alternative Name:	PMM2 (PMM2 Products)
Background:	The protein encoded by this gene catalyzes the isomerization of mannose 6-phosphate to

Target Details

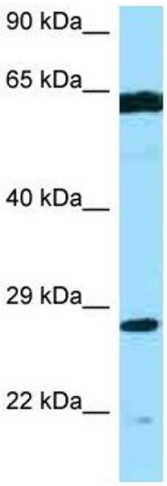
	mannose 1-phosphate, which is a precursor to GDP-mannose necessary for the synthesis of dolichol-P-oligosaccharides. Mutations in this gene have been shown to cause defects in glycoprotein biosynthesis, which manifests as carbohydrate-deficient glycoprotein syndrome type I. Alias Symbols: CDG1, CDG1a, CDGS, PMM 2 Protein Interaction Partner: ACY3, SUMO2, UBC, TAGLN3, Protein Size: 246
Molecular Weight:	28 kDa
Gene ID:	5373
NCBI Accession:	NM_000303, NP_000294
UniProt:	O15305

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 246 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-PMM2 AntibodyTitration: 1.0 µg/mL

Positive Control: MCF7 Whole Cell

PMM2 is supported by BioGPS gene expression data to be expressed in MCF7