Datasheet for ABIN7267362

anti-GMDS antibody (AA 1-100)

1 Image

Go to Product page

Overview

Quantity:	100 µL
Target:	GMDS
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GMDS antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	GMDS Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human GMDS (NP_001491.1).
Sequence:	MAHAPARCPS ARGSGDGEMG KPRNVALITG ITGQDGSYLA EFLLEKGYEV HGIVRRSSSF NTGRIEHLYK NPQAHIEGNM KLHYGDLTDS TCLVKIINEV
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

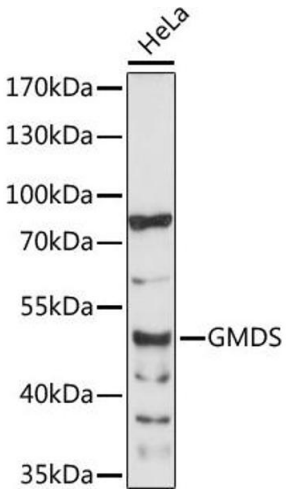
Target:	GMDS
Alternative Name:	GMDS (GMDS Products)
Background:	GDP-mannose 4,6-dehydratase (GMD, EC 4.2.1.47) catalyzes the conversion of GDP-mannose to GDP-4-keto-6-deoxymannose, the first step in the synthesis of GDP-fucose from GDP-mannose, using NADP+ as a cofactor. The second and third steps of the pathway are catalyzed by a single enzyme, GDP-keto-6-deoxymannose 3,5-epimerase, 4-reductase, designated FX in humans (MIM 137020).,GMDS,GMD,SDR3E1,GDP-mannose 4,Cancer,Signal Transduction,Endocrine & Metabolism,GMDS
Molecular Weight:	39kDa/41kDa
Gene ID:	2762
UniProt:	O60547

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of HeLa cells, using GMDS antibody (ABIN7267362) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Enhanced Kit (RM00021).Exposure time: 60s.

Copyright antibodies-online. All rights reserved.