

GDP-L-fucose synthase Polyclonal Antibody

Catalog No: #42179

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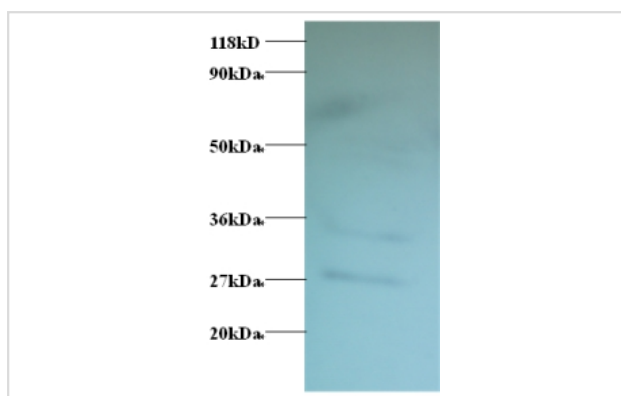
Description

Product Name	GDP-L-fucose synthase Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total GDP-L-fucose synthase polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human GDP-L-fucose synthase protein
Target Name	GDP-L-fucose synthase
Other Names	GDP-4-keto-6-deoxy-D-mannose-3, 5-epimerase-4-reductase Protein FX Red cell NADP(H)-binding protein Short-chain dehydrogenase/reductase family 4E member 1
Accession No.	Swiss-Prot#: Q13630
Uniprot	Q13630
GeneID	7264;
Calculated MW	35kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Western blotting: □ 1:500 - 1:1000

Images



Western blot
 ALL Lanes: GDP-L-fucose synthase Antibody at 2 ug/ml +
 EC109 whole cell lysate at 20 ug
 Secondary
 Goat polyclonal to Rabbit IgG at 1/15000 dilution
 Predicted band size : 35 kDa
 Observed band size : 35 kDa
 Additional bands at : 27 kDa. We are unsure as to the identity
 of this extra band.

Background

Catalyzes the two-step NADP-dependent conversion of GDP-4-dehydro-6-deoxy-D-mannose to GDP-fucose, involving an epimerase and a reductase reaction.

References

- [1] "Synthesis of GDP-L-fucose by the human FX protein."Tonetti M., Sturla L., Bisso A., Benatti U., De Flora A.J. Biol. Chem. 271:27274-27279(1996)
- [2] "Complete sequencing and characterization of 21,243 full-length human cDNAs."Ota T., Suzuki Y., Nis

Note: This product is for in vitro research use only