

For Research Use Only

DHDDS Polyclonal antibody

Catalog Number: 15099-1-AP



Basic Information

Catalog Number:

15099-1-AP

Size:

650 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7426

GenBank Accession Number:

BC003643

GeneID (NCBI):

79947

UNIPROT ID:

Q86SQ9

Full Name:

dehydrodolichyl diphosphate synthase

Calculated MW:

39 kDa

Observed MW:

34 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, Y79 cells

Background Information

DHDDS (dehydrodolichol diphosphate synthetase) encodes a protein involved in dolichol biosynthesis on the cytoplasmic face of the ER, where N-glycosylation, O-mannosylation, C-mannosylation and GPI-anchor synthesis occurs (PMID: 34382076). Homozygous mutations in the DHDDS gene (c.124 A>G) have been associated with nonsyndromic retinitis pigmentosa in consanguineous families (PMID: 36628425).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

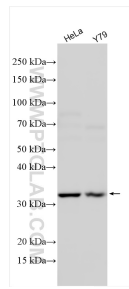
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15099-1-AP (DHDDS antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.