

For Research Use Only

DPH2 Polyclonal antibody

Catalog Number: 14866-1-AP



Basic Information

Catalog Number:

14866-1-AP

Size:

150ul , Concentration: 173 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6678

GenBank Accession Number:

BC001389

GeneID (NCBI):

1802

UNIPROT ID:

Q9BQC3

Full Name:

DPH2 homolog (S. cerevisiae)

Calculated MW:

51 kDa

Observed MW:

52 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells,

Background Information

Required for the first step in the synthesis of diphthamide, a post-translational modification of histidine which occurs in translation elongation factor 2 (EEF2). Mutants of the DPH1, DPH2, and DPH5 (611075) genes, involved in diphthamide biosynthesis, were identified as resistant to both anthrax toxin and diphtheria toxin. This antibody works well in WB, IP, IHC and IF application.

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

*** 20ul sizes contain 0.1% BSA

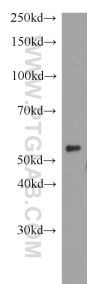
For technical support and original validation data for this product please contact:

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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 14866-1-AP (DPH2 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.