

For Research Use Only

DPH2 Polyclonal antibody

Catalog Number: 14866-1-AP



Basic Information

Catalog Number: 14866-1-AP	GenBank Accession Number: BC001389	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 173 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1802	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: DPH2 homolog (S. cerevisiae)	
Isotype: IgG	Calculated MW: 51 kDa	
Immunogen Catalog Number: AG6678	Observed MW: 52 kDa	

Applications

Tested Applications: WB,ELISA	Positive Controls: WB : HeLa cells,
Species Specificity: human, mouse, rat	

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

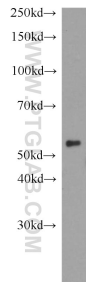
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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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.