

# DPH2 Polyclonal antibody

Catalog Number: 14866-1-AP

## Basic Information

**Catalog Number:**

14866-1-AP

**Size:**

173 µg/ml

**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:**

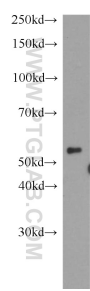
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

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

Aliquoting is unnecessary for -20°C storage

# 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.