

# DPYD Polyclonal antibody

Catalog Number: 25690-1-AP

## Basic Information

**Catalog Number:**

25690-1-AP

**Size:**

1000 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG20885

**GenBank Accession Number:**

BC008379

**GeneID (NCBI):**

1806

**UNIPROT ID:**

Q12882

**Full Name:**

dihydropyrimidine dehydrogenase

**Calculated MW:**

1025 aa, 111 kDa

**Observed MW:**

111 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:6000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

mouse

**Positive Controls:**

WB : mouse liver tissue,

## Background Information

The protein encoded by this gene is a pyrimidine catabolic enzyme and the initial and rate-limiting factor in the pathway of uracil and thymidine catabolism. Mutations in this gene result in dihydropyrimidine dehydrogenase deficiency, an error in pyrimidine metabolism associated with thymine-uraciluria and an increased risk of toxicity in cancer patients receiving 5-fluorouracil chemotherapy.

## Storage

**Storage:**

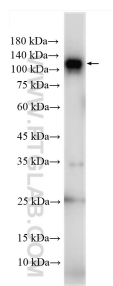
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

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

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 25690-1-AP (DPYD antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.