

Anti-DPD Antibody
Rabbit polyclonal antibody to DPD
Catalog # AP60792**Specification**

Anti-DPD Antibody - Product Information

Application	WB
Primary Accession	Q12882
Other Accession	Q8CHR6
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	111401

Anti-DPD Antibody - Additional Information**Gene ID** 1806**Other Names**

Dihydropyrimidine dehydrogenase [NADP(+)]; DHPDHase; DPD; Dihydrothymine dehydrogenase; Dihydrouracil dehydrogenase

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human DPD. The exact sequence is proprietary.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-DPD Antibody - Protein Information**Name** DPYD ([HGNC:3012](#))**Function**

Involved in pyrimidine base degradation (PubMed: [1512248](http://www.uniprot.org/citations/1512248)). Catalyzes the reduction of uracil and thymine (PubMed: [1512248](http://www.uniprot.org/citations/1512248)). Also involved the degradation of the chemotherapeutic drug 5-fluorouracil (PubMed: [1512248](http://www.uniprot.org/citations/1512248)).

Cellular Location

Cytoplasm.

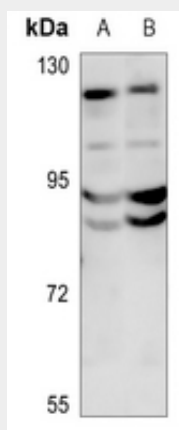
Tissue Location

Found in most tissues with greatest activity found in liver and peripheral blood mononuclear cells

Anti-DPD Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-DPD Antibody - Images

Western blot analysis of DPD expression in mouse liver (A), rat liver (B) whole cell lysates.

Anti-DPD Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human DPD. The exact sequence is proprietary.