

DPYD Polyclonal Antibody
Catalog # AP73410**Specification**

DPYD Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q12882
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

DPYD Polyclonal Antibody - Additional Information**Gene ID** 1806**Other Names**

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

Dilution

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications.

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

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

Involved in pyrimidine base degradation (PubMed:1512248). Catalyzes the reduction of uracil and thymine (PubMed:1512248). Also involved the degradation of the chemotherapeutic drug 5-fluorouracil (PubMed:1512248).

Cellular Location

Cytoplasm.

Tissue Location

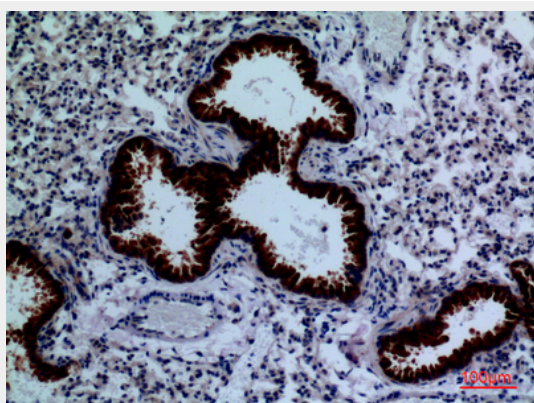
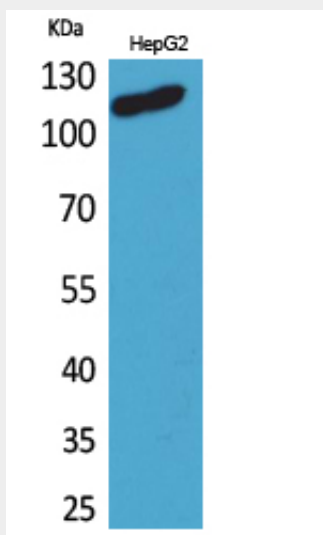
Found in most tissues with greatest activity found in liver and peripheral blood mononuclear cells

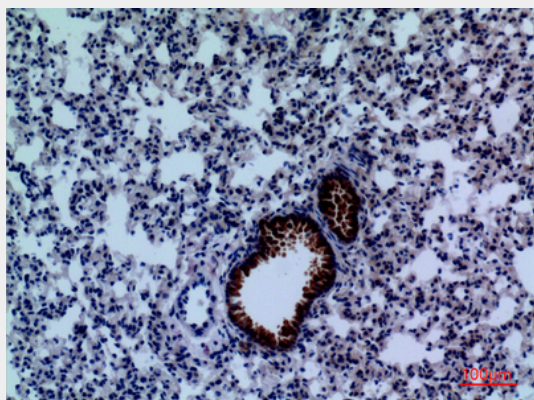
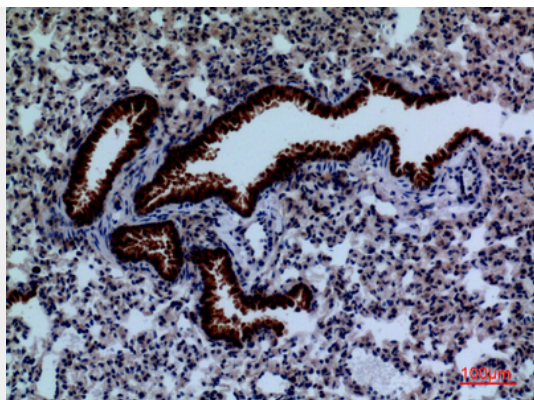
DPYD Polyclonal Antibody - Protocols

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](#)

DPYD Polyclonal Antibody - Images





DPYD Polyclonal Antibody - Background

Involved in pyrimidine base degradation. Catalyzes the reduction of uracil and thymine. Also involved the degradation of the chemotherapeutic drug 5-fluorouracil.