

DPYD Antibody (C-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22058b**Specification**

DPYD Antibody (C-Term) - Product Information

Application	WB,E
Primary Accession	Q12882
Other Accession	Q5R895
Reactivity	Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	111401

DPYD Antibody (C-Term) - Additional Information**Gene ID** 1806**Other Names**

Dihydropyrimidine dehydrogenase [NADP(+)], DHPDHase, DPD, 1.3.1.2, Dihydrothymine dehydrogenase, Dihydrouracil dehydrogenase, DPYD

Target/Specificity

This DPYD antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 841-875 amino acids from human DPYD.

Dilution

WB~~1:2000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

DPYD Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

DPYD Antibody (C-Term) - 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

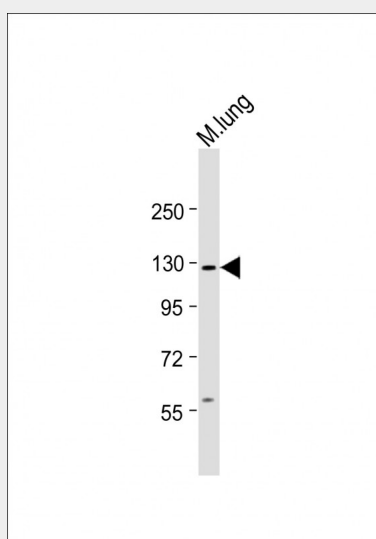
Found in most tissues with greatest activity found in liver and peripheral blood mononuclear cells

DPYD Antibody (C-Term) - 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 Antibody (C-Term) - Images



Anti-DPYD Antibody (C-Term) at 1:2000 dilution + mouse lung lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 111 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

DPYD Antibody (C-Term) - Background

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

DPYD Antibody (C-Term) - References

Yokota H.,et al.J. Biol. Chem. 269:23192-23196(1994).
Johnson M.R.,et al.Cancer Res. 57:1660-1663(1997).
Ogura K.,et al.Cancer Lett. 122:107-113(1998).

Kalnina N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).