

DPYD Polyclonal Antibody

Catalog # AP73410

Product Information

Application	WB, IHC-P
Primary Accession	Q12882
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	111401

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~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications.
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

Protein Information

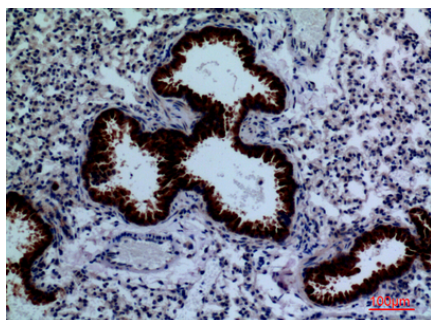
Name	DPYD (HGNC:3012)
Function	Involved in pyrimidine base degradation (PubMed: 1512248). Catalyzes the reduction of uracil and thymine (PubMed: 1512248). Also involved the degradation of the chemotherapeutic drug 5-fluorouracil (PubMed: 1512248).
Cellular Location	Cytoplasm.
Tissue Location	Found in most tissues with greatest activity found in liver and peripheral blood mononuclear cells

Background

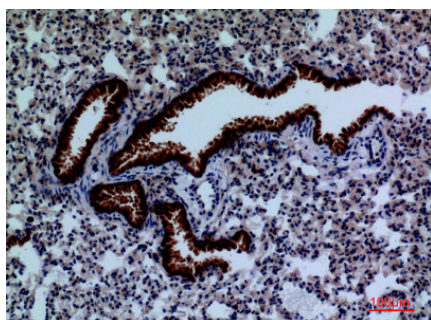
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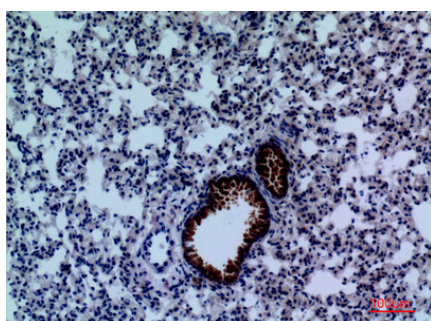
Western Blot analysis of HepG2 cells using DPYD Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded mouse-lung, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded mouse-lung, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded mouse-lung, antibody was diluted at 1:100

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.