

ARG66307 anti-DPYD antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes DPYD
Tested Reactivity	Hu, Ms
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	DPYD
Species	Human
Immunogen	Synthetic peptide around the internal region of Human DPYD.
Conjugation	Un-conjugated
Alternate Names	DHP; DPD; DHPDHASE; Dihydropyrimidine dehydrogenase [NADP(+)]; DHPDHase; DPD; EC 1.3.1.2; Dihydrothymine dehydrogenase; Dihydrouracil dehydrogenase

Application Instructions

Application table	Application	Dilution
	IHC-P	1:100 - 1:300
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

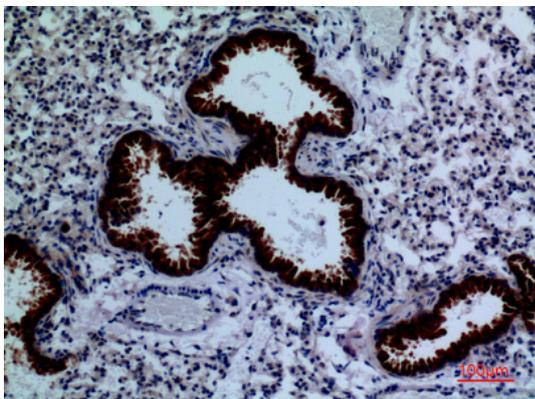
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.02% Sodium azide, 50% Glycerol and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol and 0.5% BSA
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

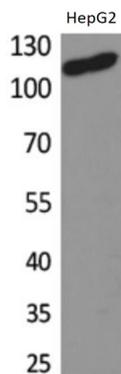
Gene Symbol	DPYD
Gene Full Name	dihydropyrimidine dehydrogenase
Background	The protein encoded by this gene is a pyrimidine catabolic enzyme and the initial and rate-limiting factor in the pathway of uracil and thymidine catabolism. Mutations in this gene result in dihydropyrimidine dehydrogenase deficiency, an error in pyrimidine metabolism associated with thymine-uraciluria and an increased risk of toxicity in cancer patients receiving 5-fluorouracil chemotherapy. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2009]
Function	Involved in pyrimidine base degradation. Catalyzes the reduction of uracil and thymine. Also involved the degradation of the chemotherapeutic drug 5-fluorouracil. [UniProt]
Calculated Mw	111 kDa

Images



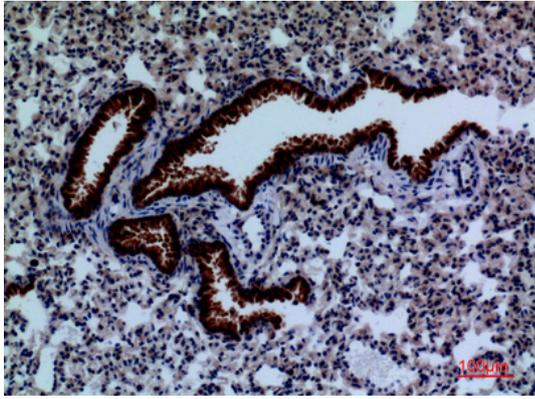
ARG66307 anti-DPYD antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse lung tissue stained with ARG66307 anti-DPYD antibody at 1:100 dilution.



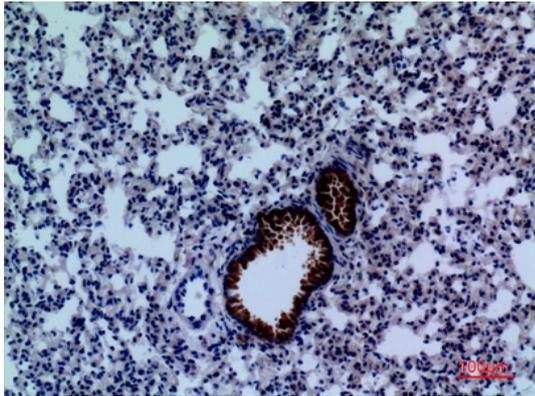
ARG66307 anti-DPYD antibody WB image

Western blot: HepG2 cell lysate stained with ARG66307 anti-DPYD antibody.



ARG66307 anti-DPYD antibody IHC-P image

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