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Datasheet for ABIN1398220

anti-DPYS antibody (AA 121-220) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	DPYS
Binding Specificity:	AA 121-220
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DPYS antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DHP/Dihydropyrimidinase
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Chicken
Purification:	Purified by Protein A.

Target Details

Target:	DPYS
Alternative Name:	Dihydropyrimidinase (DPYS Products)
Background:	Synonyms: DHP, DHPase, Dihydropyrimidinase, Dihydropyrimidine amidohydrolase, Dpys,

Target Details

DPYS_HUMAN, Hydantoinase.

Background: Catalyzes the second step of the reductive pyrimidine degradation, the reversible hydrolytic ring opening of dihydropyrimidines. Can catalyzes the ring opening of 5,6-dihydrouacil to N-carbamyl-alanine and of 5,6-dihydrothymine to N-carbamyl-amino isobutyrate. Tissue specificity: Liver and kidney. Involvement in disease: Defects in DPYS are the cause of dihydropyrimidinase deficiency (DHPD). DHPD is an autosomal recessive disorder characterized by dihydropyrimidinuria and associated with a variable clinical phenotype: epileptic or convulsive attacks, dysmorphic features and severe developmental delay, and congenital microvillous atrophy.

Gene ID: 1807

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months