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Datasheet for ABIN1398222  
**anti-DPYS antibody (AA 121-220) (AbBy Fluor® 647)**

### Overview

Quantity:	100 µL
Target:	DPYS
Binding Specificity:	AA 121-220
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DPYS antibody is conjugated to AbBy Fluor® 647
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 ( <a href="#">DPYS Products</a> )
Background:	Synonyms: DHP, DHPase, Dihydropyrimidinase, Dihydropyrimidine amidohydrolase, Dpys,

## Target Details

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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-dihydrouracil 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.

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Gene ID: 1807

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## Application Details

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

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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

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Preservative: ProClin

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

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Storage: -20 °C

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

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Expiry Date: 12 months

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