

Datasheet for ABIN919374

anti-UROD antibody (AA 121-220) (AbBy Fluor® 647)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	UROD
Binding Specificity:	AA 121-220
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UROD 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 UROD
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Horse
Purification:	Purified by Protein A.

Target Details

Target:	UROD
Alternative Name:	UROD (UROD Products)

Target Details

Background:	<p>Synonyms: PCT, UPD, URO D, Uroporphyrinogen decarboxylase, Uroporphyrinogen III decarboxylase.</p> <p>Background: UROD is the fifth enzyme of the heme biosynthetic pathway. This enzyme is responsible for catalyzing the conversion of uroporphyrinogen to coproporphyrinogen through the removal of four carboxymethyl side chains. Mutations and deficiency in this enzyme are known to cause familial porphyria cutanea tarda and hepatoerythropoetic porphyria. Porphyria cutanea tarda is an autosomal dominant disorder characterized by light-sensitive dermatitis and associated with the excretion of large amounts of uroporphyrin in urine.</p> <p>Hepatoerythropoetic porphyria is a form of porphyria cutanae tarda that may also be a manifestation of benign or malignant hepatic tumors.</p>
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Gene ID:	79842
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Application Details

Application Notes:	<p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
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