

Datasheet for ABIN709588

## **anti-UROD antibody (AA 121-220) (Biotin)**



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### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | UROD   |
| Binding Specificity: | AA 121-220   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This UROD antibody is conjugated to Biotin   |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)),<br>Immunohistochemistry (Frozen Sections) (IHC (fro)) |

### 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 ( <a href="#">UROD Products</a> ) |

## 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> |
| Gene ID:    | 79842   |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | <p>WB 1:300-5000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</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 for 12 months.  |
| Expiry Date:       | 12 months  |