

Datasheet for ABIN629827
anti-UROD antibody (N-Term)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	UROD
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UROD antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	UROD antibody was raised using the N terminal of UROD corresponding to a region with amino acids SLLLLLFLFIVIFALLGMQLFGGRYDFEDTEVRRSNFDNFPQALISVFQV
Specificity:	UROD antibody was raised against the N terminal of UROD
Purification:	Purified

Target Details

Target:	UROD
Alternative Name:	UROD (UROD Products)
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

Target Details

familial porphyria cutanea tarda and hepatoerythropoetic porphyria.

Molecular Weight: 40 kDa (MW of target protein)

Application Details

Application Notes: WB: 2.5 µg/mL, IHC: 4-8 µg/mL
Optimal conditions should be determined by the investigator.

Comment: UROD Blocking Peptide, catalog no. 33R-8607, is also available for use as a blocking control in assays to test for specificity of this UROD antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of UROD antibody in PBS

Concentration: Lot specific

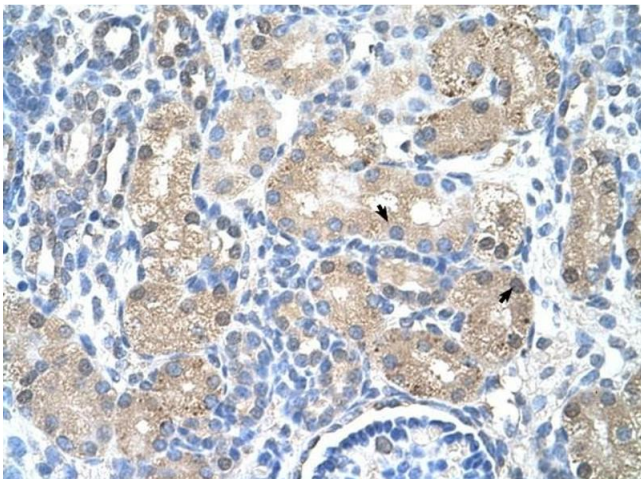
Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

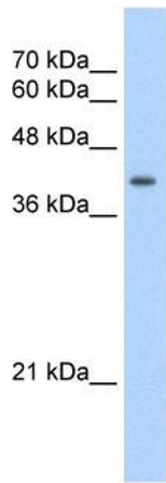
Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



Immunohistochemistry

Image 1. UROD antibody was used for immunohistochemistry at a concentration of 4-8 µg/ml to stain Epithelial cells of renal tubule (arrows) in Human Kidney. Magnification is at 400X



Western Blotting

Image 2. UROD antibody used at 2.5 ug/ml to detect target protein.