

Goat anti-UROD Antibody

Item Number	dAP-2799
Target Molecule	Principle Name: UROD; Official Symbol: UROD; All Names and Symbols: UROD; uroporphyrinogen decarboxylase; PCT; UPD; OTTHUMP00000010502; OTTHUMP00000010503; uroporphyrinogen III decarboxylase; Accession Number (s): NP_000365.3; Human Gene ID(s): 7389; Non-Human GenelD(s):
Immunogen	KARECVGKTVTLQGN, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 40kDa band observed in lysates of cell line K56 (calculated MW of 40.8kDa according to NP_000365.3). Recommended concentration: 0.1-0.3µg/ml. An additional band of unknown identity was also consistently observed at 28kDa. This band w
IHC	
Reference	Reference(s): Darwich E, To-Figueras J, Badenas C, Herrero C. Hepatoerythropoietic porphyria and familial porphyria cutanea tarda in Spanish patients: G281E mutation in the uroporphyrinogen decarboxylase gene. Arch Dermatol. 2010 Nov;146(11):1313-4.. PMID: 21079081->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**