



## International Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB11955 - Goat Anti-UROD Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** UROD, uroporphyrinogen decarboxylase, PCT, UPD, OTTHUMP00000010502, OTTHUMP00000010503, uroporphyrinogen III decarboxylase

**Official Symbol:** UROD

**Accession Number(s):** NP\_000365.3

**Human GeneID(s):** [7389](#)

### Immunogen

Peptide with sequence KARECVGKTVTLQGN, from the internal region of the protein sequence according to NP\_000365.3.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:128000.

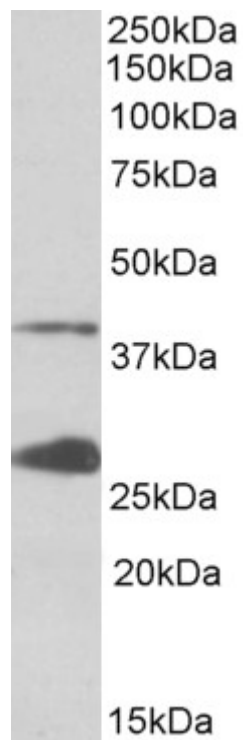
**Western blot:** Approx 40kDa band observed in lysates of cell line K56 (calculated MW of 40.8kDa according to NP\_000365.3). Recommended concentration: 0.1-0.3µg/ml. An additional band of unknown identity was also consistently observed at 28kDa. This band was successfully blocked by incubation with the immunizing peptide.

**IHC:** Paraffin embedded Human Kidney. Recommended concentration: 5µg/ml.

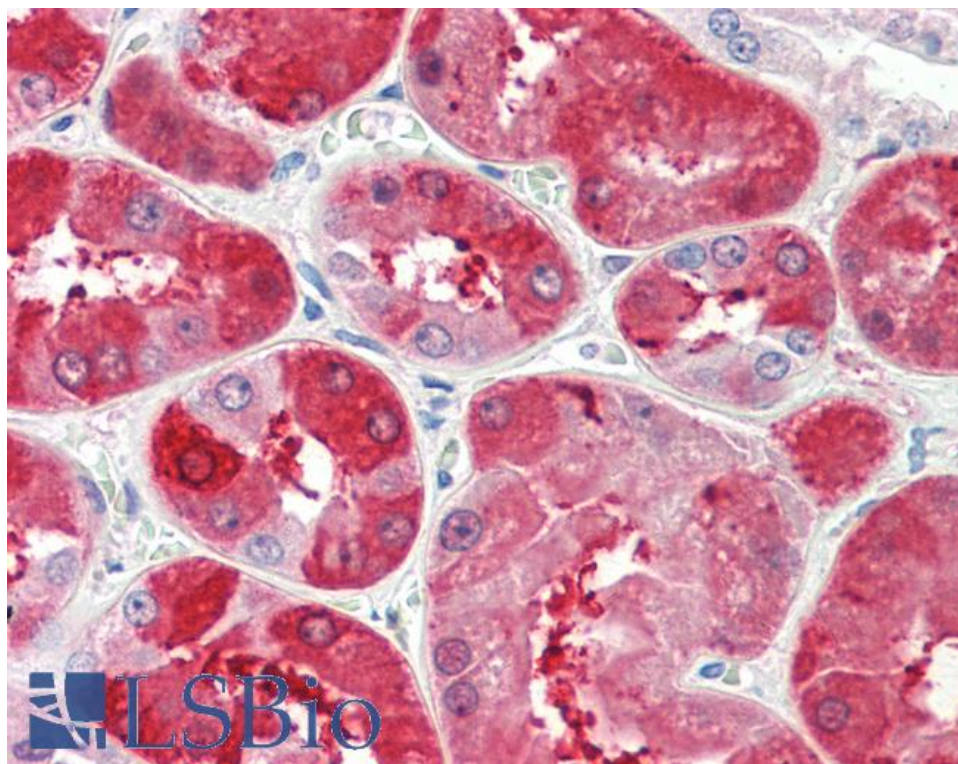
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB11955 (0.1µg/ml) staining of K562 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB11955 (5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.