

# UROD Antibody

Catalog No: #32886



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## Description

Product Name	UROD Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB IHC IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total UROD protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human UROD.
Target Name	UROD
Other Names	PCT; UPD;
Accession No.	Swiss-Prot:P06132NCBI Gene ID:7389
SDS-PAGE MW	40KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

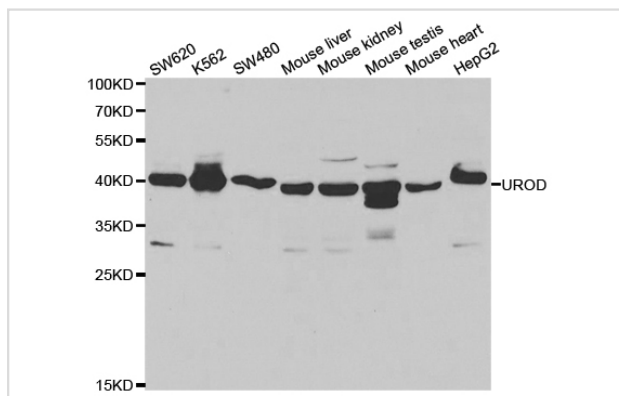
## Application Details

Western blotting: 1:500 - 1:2000

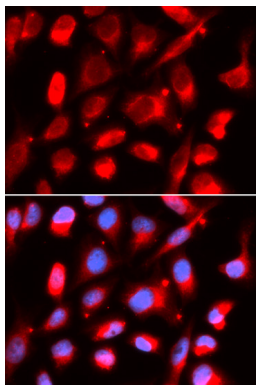
Immunohistochemistry: 1:50 - 1:200

Immunofluorescence: 1:50 - 1:200

## Images



Western blot analysis of extracts of various cell lines, using UROD antibody.



Immunofluorescence analysis of U2OS cell using UROD antibody. Blue: DAPI for nuclear staining.

## Background

This gene encodes an enzyme in 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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.