

Product datasheet for **AP54483PU-N**

UROC1 (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1:1;000. Western blot: 1:100~500. Immunohistochemistry on paraffin sections: 1:10~50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 409-437 amino acids from the Central region of human UROC1
Specificity:	This antibody detects UROC1 (Center).
Formulation:	PBS with 0.09% (W/V) sodium azide State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein A column followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	urocanate hydratase 1
Database Link:	Entrez Gene 131669 Human Q96N76



[View online »](#)

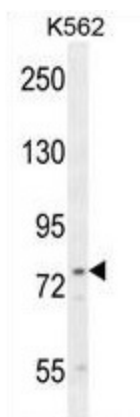
Background: This gene encodes an enzyme involved in histidine catabolism, metabolizing urocanic acid to formiminoglutamic acid. The gene product is known to protect the skin from ultra violet rays and is contained in human sweat. Deficiency of this gene product in the liver is an apparent cause of mental retardation. Multiple transcript variants encoding different isoforms have been found for this gene.

Synonyms: Urocanate hydratase

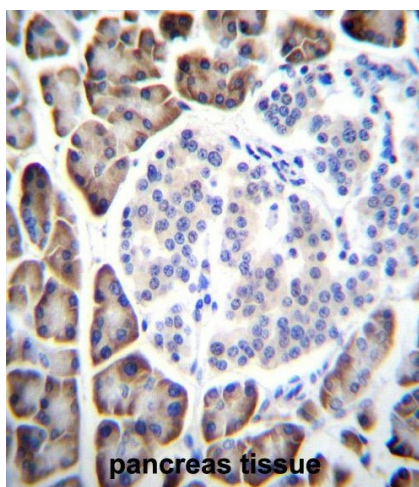
Note: **Molecular Weight:** 74831 Da

Protein Pathways: Histidine metabolism, Metabolic pathways

Product images:



UROC1 Antibody (Center) western blot analysis in K562 cell line lysates (35 ug/lane). This demonstrates the UROC1 antibody detected the UROC1 protein (arrow).



UROC1 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of UROC1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.