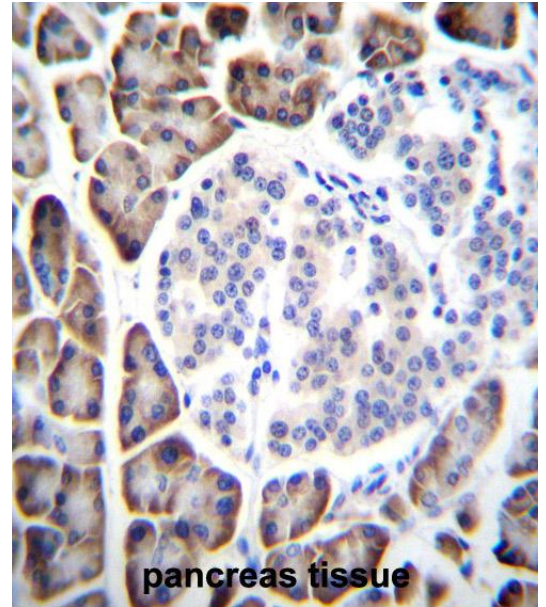


AP54483PU-N**Polyclonal Antibody to UROC1 (Center) - Aff - Purified**

Alternate names:	Urocanate hydratase
Quantity:	0.4 ml
Concentration:	lot specific
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.
Uniprot ID:	Q96N76
NCBI:	NP_001159446
GeneID:	131669
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 409-437 amino acids from the Central region of human UROC1
Format:	State: Liquid Ig fraction Purification: Protein A column followed by peptide affinity purification Buffer System: PBS with 0.09% (W/V) sodium azide
Applications:	ELISA: 1:1;000. Western blot: 1:100~500. Immunohistochemistry on paraffin sections: 1:10~50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects UROC1 (Center).
Species Reactivity:	Tested: Human
Add. Information:	Molecular Weight: 74831 Da
Storage:	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Espinos, C., et al. J. Med. Genet. 46(6):407-411(2009). 2. Yamada, S., et al. Oncogene 23(35):5901-5911(2004). 3. Retey, J. Arch. Biochem. Biophys. 314(1):1-16(1994). 4. Kalafatic, Z., et al. Metab. Clin. Exp. 29(11):1013-1019(1980).

Pictures:

UROC1 Antibody (Center) (AP54483PU-N) 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.



UROC1 Antibody (Center) (AP54483PU-N) western blot analysis in K562 cell line lysates (35 µg/lane). This demonstrates the UROC1 antibody detected the UROC1 protein (arrow).

