

Datasheet for ABIN955474
anti-UROC1 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	UROC1
Binding Specificity:	AA 409-437, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UROC1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 409-437 amino acids from the Central region of human UROC1
Isotype:	Ig Fraction
Specificity:	This antibody detects UROC1 (Center).
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Protein A column followed by peptide affinity purification

Target Details

Target:	UROC1
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Target Details

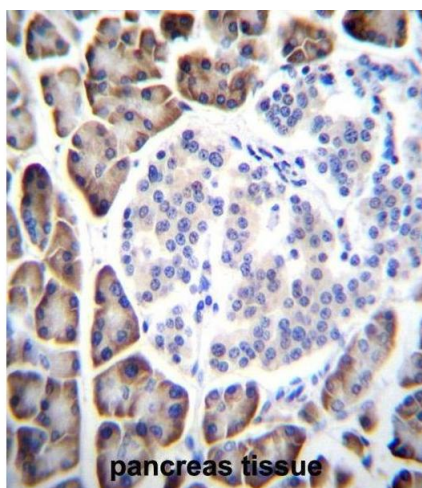
Alternative Name:	UROC1 (UROC1 Products)
Background:	This gene encodes an enzyme involved in histidine catabolism, metabolizing urocanic acid to formiminoglutamic acid. The gene product is known to protect the skin from ultra violet rays and is contained in human sweat. Deficiency of this gene product 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
Gene ID:	131669
NCBI Accession:	NP_001159446

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

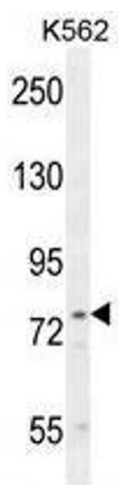
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. 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.



Western Blotting

Image 2. UROC1 Antibody (Center) western blot analysis in K562 cell line lysates (35 µg/lane). This demonstrates the UROC1 antibody detected the UROC1 protein (arrow).