

Rabbit anti-Human UROC1 Polyclonal Antibody | anti-UROC1 antibody

UROC1 Antibody (Center)

CATALOG # AAA288673	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

UROC1; Polyclonal Antibody; UROC1 Antibody (Center); Urocanate hydratase; Urocanase; Imidazolonepropionate hydrolase; anti-UROC1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This UROC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 402-430 amino acids from the Central region of human UROC1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	402-430
Sequence Length	736
Applicable Applications for anti-UROC1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

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.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-UROC1 antibody	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.
Product Categories/Family for anti-UROC1 antibody	Metabolism; Signal Transduction
References	Espinos, C., et al. J. Med. Genet. 46(6):407-411(2009) Yamada, S., et al. Oncogene 23(35):5901-5911(2004) Retey, J. Arch. Biochem. Biophys. 314(1):1-16(1994) Kalafatic, Z., et al. Metab. Clin. Exp. 29(11):1013-1019(1980)

NCBI AND UNIPROT INFORMATION

NCBI GI #	260306182
NCBI GeneID	131669
NCBI Accession #	NP_001159446.1; NP_653240.1
NCBI GenBank Nucleotide #	NM_001165974.1
UniProt Accession #	Q96N76; Q14C64; Q68CJ7; E9PE13
Molecular Weight	74831
NCBI Official Full Name	urocanate hydratase isoform 2
NCBI Official Synonym Full Names	urocanate hydratase 1
NCBI Official Symbol	UROC1
NCBI Official Synonym Symbols	UROCD; HMFN0320
NCBI Protein Information	urocanate hydratase
UniProt Protein Name	Urocanate hydratase
UniProt Gene Name	UROC1
UniProt Synonym Gene Names	Urocanase
UniProt Entry Name	HUTU_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/uroc1-antibody-immunohistochemistry-western-blot-elisa/288673>