

Rabbit UCK2 Polyclonal Antibody | anti-UCK2 antibody

UCK2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283658	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Immunohistochemistry, ELISA, Western Blot

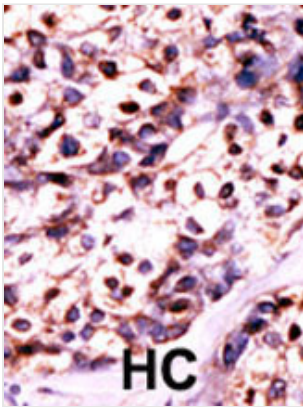
PRODUCT SYNONYMS

UCK2; Polyclonal Antibody; UCK2 Antibody (N-term); Uridine-cytidine kinase 2; UCK 2; Cytidine monophosphokinase 2; Testis-specific protein TSA903; Uridine monophosphokinase 2; UMPK; anti-UCK2 antibody

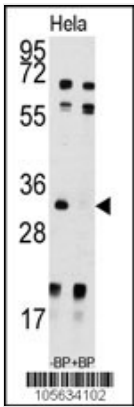
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This UCK2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human UCK2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	1-30
Sequence Length	261
Applicable Applications for anti-UCK2 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 (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of anti-UCK2 Antibody (N-term) pre-incubated with and without blocking peptide (BP7192a) in HeLa cell line lysate. UCK2(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-UCK2 antibody	UCK2 catalyzes the phosphorylation of uridine monophosphate to uridine diphosphate. This is the first step in the production of the pyrimidine nucleoside triphosphates required for RNA and DNA synthesis. In addition, an allele of this gene may play a role in mediating nonhumoral immunity to Hemophilus influenzae type B.
References	Murata, D., et al., Drug Metab. Dispos. 32(10):1178-1182 (2004). Pasti, C., et al., Eur. J. Biochem. 270(8):1784-1790 (2003). Liou, J.Y., et al., Cancer Res. 62(6):1624-1631 (2002). Pearman, A.T., et al., Life Sci. 69(20):2361-2370 (2001). Van Rompay, A.R., et al., Mol. Pharmacol. 56(3):562-569 (1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	18699734
NCBI GeneID	7371
NCBI Accession #	NP_036606.2
NCBI GenBank Nucleotide #	NM_012474.4
UniProt Accession #	Q9BZX2; Q5VV91; Q7KZV3; Q92528; Q96KG5; Q9BU42
Molecular Weight	29299
NCBI Official Full Name	uridine-cytidine kinase 2
NCBI Official Synonym Full Names	uridine-cytidine kinase 2
NCBI Official Symbol	UCK2
NCBI Official Synonym Symbols	UK; UMPK; TSA903
NCBI Protein Information	uridine-cytidine kinase 2
UniProt Protein Name	Uridine-cytidine kinase 2
UniProt Gene Name	UCK2
UniProt Synonym Gene Names	UMPK; UCK 2
UniProt Entry Name	UCK2_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/uck2-antibody-immunohistochemistry-western-blot-elisa/283658>