Rabbit PCTAIRE1 (PCTK1) Polyclonal Antibody | anti-PCTK1 antibody

PCTAIRE1 (PCTK1) Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285004	**Rabbit**	**Human (Predicted Reactivity: Mouse, Rat)**	**ELISA, Western Blot**

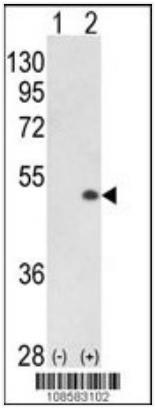
PRODUCT SYNONYMS

PCTAIRE1 (PCTK1); Polyclonal Antibody; PCTAIRE1 (PCTK1) Antibody (N-term); PCTK1 protein; anti-PCTK1 antibody

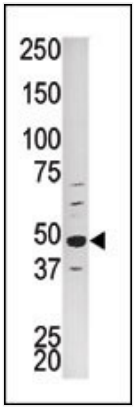
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PCTAIRE1 (PCTK1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 357-386 amino acids from the N-terminal region of human PCTAIRE1 (PCTK1).
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	357-386
Sequence Length	448
Applicable Applications for anti-PCTK1 antibody	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



WB (Western Blot)
Western blot analysis of PCTK1 (arrow) using rabbit polyclonal PCTK1 C-term. 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the PCTK1 gene (Lane 2).



WB (Western Blot)
Western blot analysis of PCTK1 Antibody (C-term) in HepG2 tissue lysate. PCTK1 (arrow) was detected using the purified Pab;

ADDITIONAL INFORMATION

Related Product Information for anti-PCTK1 antibody	The protein encoded by this gene belongs to the cdc2/cdkx subfamily of the ser/thr family of protein kinases. It may play a role in signal transduction cascades in terminally differentiated cells. This gene is thought to escape X inactivation. Two transcript variants encoding the same protein have been found for this gene.
References	Strausberg et al. Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903(2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	281427158
NCBI GeneID	5127
NCBI Accession #	NP_001163931.1
NCBI GenBank Nucleotide #	NM_001170460.1
UniProt Accession #	Q9BRL4; Q00536
Molecular Weight	51091
NCBI Official Full Name	cyclin-dependent kinase 16 isoform 3
NCBI Official Synonym Full Names	cyclin-dependent kinase 16
NCBI Official Symbol	CDK16
NCBI Official Synonym Symbols	PCTK1; PCTAIRE; PCTAIRE1; PCTGAIRE
NCBI Protein Information	cyclin-dependent kinase 16
UniProt Protein Name	PCTK1 protein
UniProt Gene Name	**PCTK1**
UniProt Entry Name	Q9BRL4_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://www.aaabiotech.com/polyclonal/pctaire1-pctk1-antibody-western-blot-elisa/285004