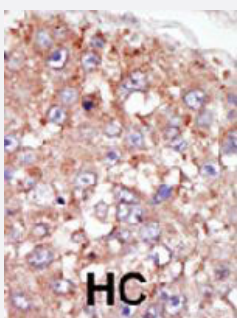


PTK6 polyclonal antibody

Catalog # PAB3434

Size 400 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with PTK6 polyclonal antibody (Cat # PAB3434), which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. HC = hepatocarcinoma.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PTK6.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human PTK6.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-100) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with PTK6 polyclonal antibody (Cat # PAB3434) , which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry ; clinical relevance has not been evaluated. HC = hepatocarcinoma.

Gene Info — PTK6

Entrez GeneID	5753
Protein Accession#	Q13882
Gene Name	PTK6
Gene Alias	BRK, FLJ42088
Gene Description	PTK6 protein tyrosine kinase 6
Omim ID	602004
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytoplasmic nonreceptor protein kinase which may function as an intracellular signal transducer in epithelial tissues. Overexpression of this gene in mammary epithelial cells leads to sensitization of the cells to epidermal growth factor and results in a partiall y transformed phenotype. Expression of this gene has been detected at low levels in some breast tumors but not in normal breast tissue. The encoded protein has been shown to undergo autophosphorylation. [provided by RefSeq]
Other Designations	OTTHUMP00000031656 breast tumor kinase protein-tyrosine kinase BRK

Publication Reference

- [Altered localization and activity of the intracellular tyrosine kinase BRK/Sik in prostate tumor cells.](#)

Derry JJ, Prins GS, Ray V, Tyner AL.

Oncogene 2003 Jul; 22(27):4212.

- [Sam68 enhances the cytoplasmic utilization of intron-containing RNA and is functionally regulated by the nuclear kinase Sik/BRK.](#)

Coyle JH, Guzik BW, Bor YC, Jin L, Eisner-Smerage L, Taylor SJ, Rekosh D, Hammarskjold ML.

Molecular and Cellular Biology 2003 Jan; 23(1):92.

- [Purification and spectroscopic characterization of the human protein tyrosine kinase-6 SH3 domain.](#)

Koo BK, Kim MH, Lee ST, Lee W.

Journal of Biochemistry and Molecular Biology 2002 May; 35(3):343.

Disease

- [Cardiovascular Diseases](#)
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- [Edema](#)