

Brk rabbit pAb

Cat No.:ES6917

For research use only

Overview

Product Name	Brk rabbit pAb	
Host species	Rabbit	
Applications	IF;ELISA	
Species Cross-Reactivity	Human;Rat;Mouse;	
Recommended dilutions	Immunofluorescence: 1/200 - 1/1000. ELISA:	
	1/20000. Not yet tested in other applications.	
Immunogen	The antiserum was produced against synthesized	
	peptide derived from human Breast Tumor Kinase.	
	AA range:402-451	
Specificity	Brk Polyclonal Antibody detects endogenous levels	
	of Brk protein.	
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and	
	0.02% sodium azide.	
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.	
Protein Name	Protein-tyrosine kinase 6	
Gene Name	РТК6	
Cellular localization	Cytoplasm. Nucleus. Cell projection, ruffle.	
	Membrane . Colocalizes with KHDRBS1, KHDRBS2 or	
	KHDRBS3, within the nucleus. Nuclear localization in	
	epithelial cells of normal prostate but cytoplasmic	
	localization in cancer prostate.	
Purification	The antibody was affinity-purified from rabbit	
	antiserum by affinity-chromatography using	
	epitope-specific immunogen.	
Clonality	Polyclonal	
Concentration	1 mg/ml	
Observed band		
Human Gene ID	5753	
Human Swiss-Prot Number	Q13882	
Alternative Names	PTK6; BRK; Protein-tyrosine kinase 6; Breast tumor	
	kinase; Tyrosine-protein kinase BRK	
Background	protein tyrosine kinase 6(PTK6) Homo sapiens	
	The protein encoded by this gene is a cytoplasmic	



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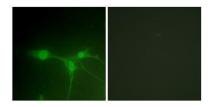
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nonreceptor protein kinase which may function as an intracellular signal transducer in epithelial tissues. Overexpression of this gene in mammary epithelial cells leads to sensitization of the cells to epidermal growth factor and results in a partially 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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2012],

Immunofluorescence analysis of NIH/3T3 cells, using Breast Tumor Kinase Antibody. The picture on the right is blocked with the synthesized peptide.





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