

BRK (PTK6) Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AW5175

Product Information

Application	WB
Primary Accession	Q13882
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

Additional Information

Antigen Region	11-41
Other Names	PTK6; BRK; Protein-tyrosine kinase 6; Breast tumor kinase; Tyrosine-protein kinase BRK
Dilution	WB~~1:1000
Target/Specificity	This BRK (PTK6) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 11-41 amino acids from the N-terminal region of human BRK (PTK6).
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.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	BRK (PTK6) Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Background

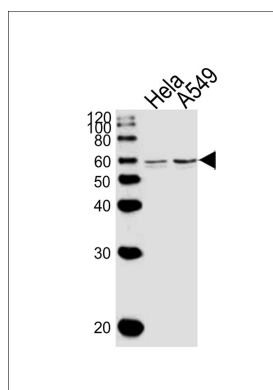
PTK6 is a cytoplasmic nonreceptor protein kinase which may function as an intracellular signal transducer in epithelial tissues. Overexpression of this gene in mammary epithelial cells leads to sensitization of the cells to epidermal growth factor and results in a partially transformed phenotype. Expression 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.

References

- Derry, J.J., et al., *Oncogene* 22(27):4212-4220 (2003).
Coyle, J.H., et al., *Mol. Cell. Biol.* 23(1):92-103 (2003).
Koo, B.K., et al., *J. Biochem. Mol. Biol.* 35(3):343-347 (2002).
Kang, K.N., et al., *Biochim. Biophys. Acta* 1574(3):365-369 (2002).
Hong, E., et al., *J. Biomol. NMR* 19(3):291-292 (2001).

Images



Western blot analysis of lysates from HeLa, A549 cell line (from left to right), using PTK6 Antibody (E26) (Cat. #AW5175). AW5175 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.