

Rabbit anti-Human BRK (PTK6) Polyclonal Antibody | anti-PTK6 antibody

BRK (PTK6) Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286356	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

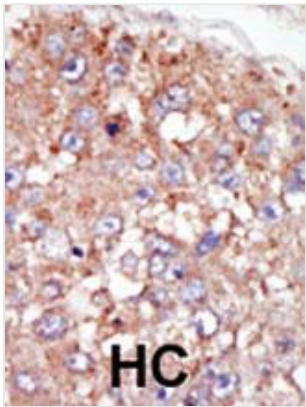
PRODUCT SYNONYMS

BRK (PTK6); Polyclonal Antibody; BRK (PTK6) Antibody (N-term); Protein-tyrosine kinase 6; Breast tumor kinase; Tyrosine-protein kinase BRK; PTK6; BRK; anti-PTK6 antibody

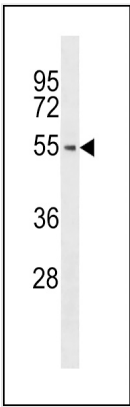
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
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).
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	11-41
Sequence Length	134
Applicable Applications for anti-PTK6 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 AEC 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-hPTK6-E26 Pab in A375 cell line lysate (35ug/lane). hPTK6-E26(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PTK6 antibody	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.
Product Categories/Family for anti-PTK6 antibody	Cancer; Signal Transduction
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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	373432692
NCBI GeneID	5753
NCBI Accession #	NP_001243287.1; NP_005966.1
NCBI GenBank Nucleotide #	NM_001256358.1
UniProt Accession #	Q13882; Q58F01; B2RCR3; B4DW46
Molecular Weight	51834
NCBI Official Full Name	protein-tyrosine kinase 6 isoform 2
NCBI Official Synonym Full Names	protein tyrosine kinase 6
NCBI Official Symbol	PTK6
NCBI Official Synonym Symbols	BRK
NCBI Protein Information	protein-tyrosine kinase 6
UniProt Protein Name	Protein-tyrosine kinase 6
UniProt Gene Name	PTK6

UniProt Synonym Gene Names	BRK
UniProt Entry Name	PTK6_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/brk-ptk6-antibody-immunohistochemistry-western-blot-elisa/286356>