

anti-Human, Mouse Breast Tumor Kinase Antibody | anti-PTK6 antibody

Breast Tumor Kinase (Phospho-Tyr447) Antibody

CATALOG # AAA111798	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Western Blot
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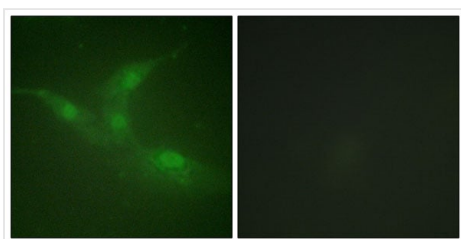
PRODUCT SYNONYMS

Breast Tumor Kinase; Breast Tumor Kinase (Phospho-Tyr447) Antibody; Breast tumor kinase; EC 2.7.10.2; PTK6; Tyrosine-protein kinase 6; Tyrosine-protein kinase brk; anti-PTK6 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	Breast Tumor Kinase (Phospho-Tyr447) antibody detects endogenous levels of Breast Tumor Kinase only when phosphorylated at tyrosine 447.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	134
Applicable Applications for anti-PTK6 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Breast Tumor Kinase around the phosphorylation site of tyrosine 447 (T-S-YP-E-N).
All Sites	Human: Tyr447 Mouse: Tyr447
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



WB (Western Blot)

P-peptide-+ Western blot analysis of extracts from 293 cells, treated with EGF (200ng/ml, 30mins), using Breast Tumor Kinase (Phospho-Tyr447) antibody. Immunofluorescence analysis of NIH/3T3 cells, using Breast Tumor Kinase (Phospho-Tyr447) antibody.



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for anti-PTK6 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Mitchell P.J., Oncogene 9:2383-2390(1994). Lee H.-Y., Mol. Cells 8:401-407(1998). Deloukas P., Nature 414:865-871(2001).

NCBI AND UNIPROT INFORMATION

NCBI GI #	373432692
NCBI GeneID	5753
NCBI Accession #	NP_001243287.1
NCBI GenBank Nucleotide #	NM_001256358.1
UniProt Accession #	Q13882; Q58F01; B2RCR3; B4DW46
Molecular Weight	14,465 Da
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-mouse-antibody/breast-tumor-kinase/111798>