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# anti-PTK6 antibody (pTyr447)

**Images** 



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Quantity:	100 μL	
Target:	PTK6	
Binding Specificity:	AA 402-451, pTyr447	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This PTK6 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)	
Product Details		
lmmunogen:	The antiserum was produced against synthesized peptide derived from human Breast Tumor Kinase around the phosphorylation site of Tyr447.	
Isotype:	IgG	
Specificity:	Breast Tumor Kinase (Phospho-Tyr447) Antibody detects endogenous levels of Breast Tumor Kinase only when phosphorylated at Tyr447.  PhosphorylationH:Y447	
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.	
Purity:	> 95 %	

## **Target Details**

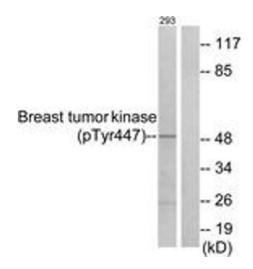
Target:	PTK6	
Alternative Name:	Breast Tumor Kinase (PTK6 Products)	
Background:	Synonyms: Breast tumor kinase, PTK6, Tyrosine-protein kinase 6, Tyrosine-protein kinase brk NCBI Gene Symbol: PTK6	
Molecular Weight:	51 kDa	
Gene ID:	5753	
OMIM:	602004	
UniProt:	Q13882	

## Application Details

Application Notes:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:1000		
Comment:	Unigene-Number: Hs.51133 (NCBI Gene Symbol: PTK6)		
Restrictions:	For Research Use only		

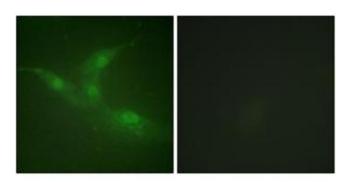
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



#### **Western Blotting**

**Image 1.** Western blot analysis of extracts from 293 cells treated with EGF 200ng/ml 30', using Breast Tumor Kinase (Phospho-Tyr447) Antibody. The lane on the right is treated with the synthesized peptide.



#### **Immunofluorescence**

**Image 2.** Immunofluorescence analysis of NIH-3T3 cells, using Breast Tumor Kinase (Phospho-Tyr447) Antibody. The picture on the right is treated with the synthesized peptide.