

## Rabbit anti-human PTK2 Polyclonal Antibody

Catalog Number: R16001P

### General Information

<b>Immunogen</b>	Recombinant Protein of human PTK2
<b>IgG type</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Specificity</b>	human PTK2
<b>Applications &amp; dilution</b>	WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200 IP 1:20 - 1:50
<b>Formulation</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Purity</b>	≥95% purity by SDS-PAGE
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.

#### Abbreviation:

ELISA: Enzyme-linked immunosorbent assay; ITA: immunoturbidimetric assay; IP: immunoprecipitation; IHC: immunohistochemistry; IF: immunofluorescence. WB: western blot; FC: flowcytometry

### Background

This gene encodes a cytoplasmic protein tyrosine kinase which is found concentrated in the focal adhesions that form between cells growing in the presence of extracellular matrix constituents. The encoded protein is a member of the FAK subfamily of protein tyrosine kinases but lacks significant sequence similarity to kinases from other subfamilies. Activation of this gene may be an important early step in cell growth and intracellular signal transduction pathways triggered in response to certain neural peptides or to cell interactions with the extracellular matrix. Several transcript variants encoding different isoforms have been found for this gene, but the full-length natures of only three of them have been determined.

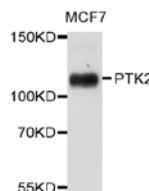
**For research use only**

### Preparation

Polyclonal antibody is produced by immunizing rabbit with full length recombinant human PTK2 protein and purified using protein A resin.

### Applications

#### Western blot



Western blot analysis of extracts of MCF7 cells, using PTK2 antibody.

### Storage

This antibody is shipped at 4 °C. This product is stable for 12 months from date of receipt when stored at -20 °C to -70 °C. Avoid freeze/thaw cycles.

### Hazard/Biohazard

This antibody contains 0.02% sodium azide as preservative. Please handle and dispose the product properly. No known biohazard is associated with this product.