

## Anti-PTK2 antibody

<b>Cat. No.</b>	ml121859
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-PTK2 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Fusion protein of human PTK2
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	0.2 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	PTK2
<b>Full name</b>	protein tyrosine kinase 2
<b>Synonyms</b>	FAK; FADK; FAK1; FRNK; PPP1R71; p125FAK; pp125FAK
<b>Swissprot</b>	Q05397

### Target 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 nature of only three of them have been determined.

订购热线: 4008-898-798

#### Applications

##### Western blotting

Predicted band size: 119 kDa

Positive control: 231, NIH/3T3, A431 and hela cells

Recommended dilution: 500-2000

Gel: 6%SDS-PAGE

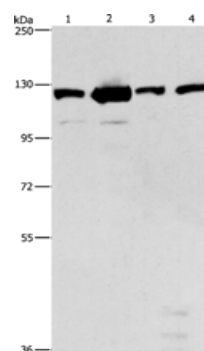
Lysate: 40 µg

Lane 1-4: 231 cells, NIH/3T3 cells, A431 cells, hela cells

Primary antibody: ml121859(PTK2 Antibody) at dilution 1/300

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 40 seconds



##### ELISA

Recommended dilution: 2000-5000

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