

Anti-PTK2 antibody

Cat. No.	ml221859
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

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

Target information

Symbol	PTK2
Full name	protein tyrosine kinase 2
Synonyms	FAK; FADK; FAK1; FRNK; PPP1R71; p125FAK; pp125FAK
Swissprot	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.

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Applications

Western blotting

Predicted band size: 119 kDa

Positive control: NIH/3T3 cells

Recommended dilution: 200-1000

Gel: 6%SDS-PAGE

Lysate: 40 µg

Lane: NIH/3T3 cells

Primary antibody: ml221859(PTK2 Antibody) at dilution 1/300

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

Exposure time: 30 seconds



ELISA

Recommended dilution: 1000-2000

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