

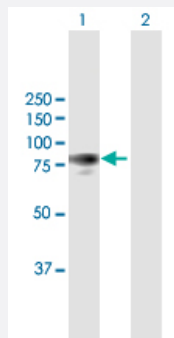
MaxPab®

PTK2 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00005747-D01

Size 100 uL

Applications

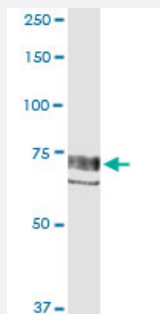


Western Blot (Transfected lysate)

Western Blot analysis of PTK2 expression in transfected 293T cell line ([H00005747-T01](#)) by PTK2 MaxPab polyclonal antibody.

Lane 1: PTK2 transfected lysate (76.9 kDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of PTK2 transfected lysate using anti-PTK2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with PTK2 MaxPab mouse polyclonal antibody (B01) ([H00005747-B01](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human PTK2 protein.

Immunogen

PTK2 (AAH28733.1, 1 a.a. ~ 680 a.a) full-length human protein.

Sequence

MKYQEVRCCLTSFNISVSFPAETDDYAEIIDEEDTYTMPSTRDYEIQRERIELGRCIGEGQFGDVHQGI
 YMSPENPALAVAIAKTCKNCTSDSVREKFLQEALTMRQFDHPHVKLIGVITENPVWIMELCTLGELR
 SFLQVRKYSLDLASLILYAYQLSTALAYLESKRFBVHRDIAARNVLVSSNDCVKLGDFGLSRYMEDS
 TYYKASKGKLPIKWMAPESINFRRFTSASDVWMFVCMWEILMHGVKPFQGVKNNDVIGRIENGE
 RLPMPNPNCPTLYSLMTKCWAYDPSRRPRFTELKAQLSTILEEEKAQQEERMESRRQATVSW
 DSGGSDEAPPKPSRPGYSPRSSEGFYSPQHMVQTNHYQVSGYPGSHGITAMAGSIYPGQASL
 LDQTDSWNHRPQEIAMWQPNVEDSTVLDLRGIGQVLPHTLMEERLIRQQQEMEEDQRWLEKEE
 RFLKPDVRLSRGIDREDGSLQGPIGNQHIYQPVGKPDPAAPPKKPPRPGAPGHLGSLASLSSPA
 DSYNEGVLKPKQEISPPPTANLDRSNDKVYENVNTGLVKAVIEMSSKIQPAPPEEYVPMVKEVGLA
 LRTLLATVDETIPLLPASTHREIEMAQKLLNSDLGELINKMKLAQQYVMTSLQQEYKKQMLTAAHAL
 AVDAKNLLDVIDQARLKMLGQTRRH

Host

Rabbit

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

No additive

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — PTK2

Entrez GeneID

[5747](#)

GeneBank Accession#

[BC028733.2](#)

Protein Accession#

[AAH28733.1](#)

Gene Name	PTK2
Gene Alias	FADK, FAK, FAK1, pp125FAK
Gene Description	PTK2 protein tyrosine kinase 2
Omim ID	600758
Gene Ontology	Hyperlink
Gene Summary	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. At least four transcript variants encoding four different isoforms have been found for this gene, but the full-length nature of only two of them have been determined. [provided by RefSeq]
Other Designations	focal adhesion kinase 1

Pathway

- [Axon guidance](#)
- [Chemokine signaling pathway](#)
- [ErbB signaling pathway](#)
- [Focal adhesion](#)
- [Leukocyte transendothelial migration](#)
- [Pathways in cancer](#)
- [Regulation of actin cytoskeleton](#)
- [Small cell lung cancer](#)
- [VEGF signaling pathway](#)

Disease

- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)

- [HIV Infections](#)
- [Leukemia](#)
- [Mental Retardation](#)
- [Neovascularization](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)