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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PTK2 MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00005747-B01

規格 : [50 uL]

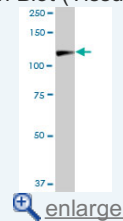
[List All](#)

Specification

Product Description:	Mouse 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:	MKYQEVRLTSFNISVSFPAETDDYAEIIDEEDTYTMPSTRDYEQRRERIE LGRCIGEGQFGDVHQGIYMSPENPALAVAIAIKTCKNCTSDSVREKFLQEAL TMRQFDHPHIVKLGIVITENPVWIIMELCTLGELRSFLQVRKYSLDLASELILY AYQLSTALAYLESKRFFVHRDIAARNVLVSSNDCVKLGDFGLSRYMEDST YYKASKGKLPKWMAPESINFRRFTSASDVWMFVCMWEILMHGVKPFQ GVKNNDVIGRIENGERLPMPPNCPPTLYSLMTKCWAYDPSRRPRFTELK AQLSTILEEKAQQEERMESRRQATVSWDSGGSDAPPKPSRPGYP SPRSSEGFYPSQHMVQTNHYQVSGYPSGSHGITAMAGSIYPGQASLLD QTDSWNHRPQEIAMWQPNVEDSTVLDLRGIGQVLPHTLMEERLIRQQQ EMEEDQRWLEKEERFLKPDVRLSRGSIDREDGSLQGPIGNQHYPVVGK PDPAAPPKPPRPGAPGHLGSLASLSPADSYNEGVLKPKQEISPPPTAN LDRSNDKVVYENVTLVKAVIEMSSKIQPAPPEEYVPMVKEVGLALRLLA TVDETIPLLPASTHREIEMAQKLLNSDLGELINKMKLAQQYVMTSLQQEYK KQMLTAAHALAVDAKNLLDVIDQARLKMGLGQTRRH
Host:	Mouse
Reactivity:	Human, Rat
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.
Note:	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.
MSDS:	Download
Datasheet:	Download

Application Image

Western Blot (Tissue lysate)

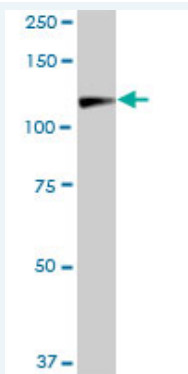


Western Blot (Transfected lysate)




Applications

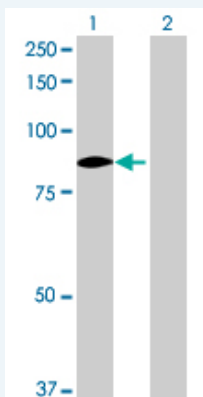
Western Blot (Tissue lysate)



PTK2 MaxPab polyclonal antibody. Western Blot analysis of PTK2 expression in rat brain.

 [Protocol Download](#)

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(74.8 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [5747](#)

GeneBank [BC028733.2](#)

Accession#:

Protein [AAH28733.1](#)

Accession#:

Gene Name: PTK2

Gene Alias: FADK,FAK,FAK1,pp125FAK

Gene Description: PTK2 protein tyrosine kinase 2

Description:

Omim ID: [600758](#)

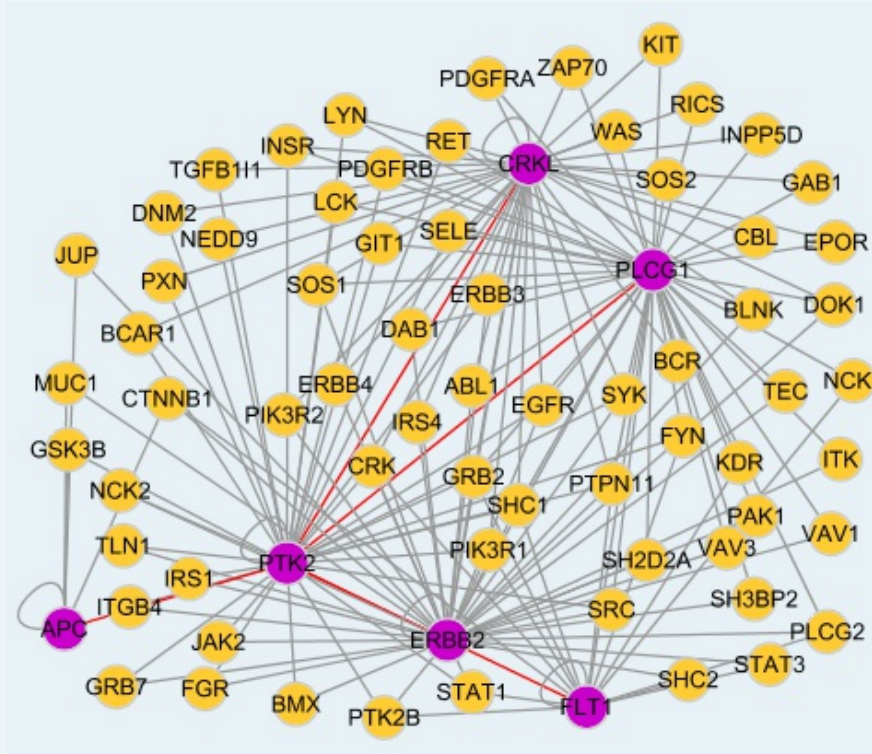
Gene Ontology: [Hyperlink](#)

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

Interactome



Gene 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](#)

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