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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PTK6 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00005753-B01P

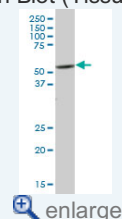
規格 : [50 ug]

[List All](#)
Specification

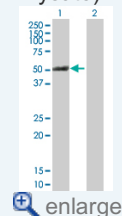
Product Description:	Mouse polyclonal antibody raised against a full-length human PTK6 protein.
Immunogen:	PTK6 (NP_005966.1, 1 a.a. ~ 451 a.a) full-length human protein.
Sequence:	MVSRDQAHLGPKYVGLWDFKSRTDEELSFRAGDVFHVARKEEQWWW ATLLDEAGGAVAQGYVPHNYLAERETVESEPWF FGCISRSEAVRRLQAE GNATGAFLIRVSEKPSADYVLSVRDTQAVRHYKIWRRAGGRLHLNEAVS FLSLPELVNYHRAQSLSHGLRLAAPCRKHEPEPLPHWDDWERPREEFTL CRKLGSGYFGEVFEGLWKDRVQVAIKVISRDNLLHQQLQSEIQAMKKL RHKHILALYAVSVGDPVYIITELMAKGSLELLRDSDEKVLVSELLDIAW QVAEGMCYLESQNYIHRDLAARNILVGENTLCKVGDVGLARLIKEDVYLS HDHNIPYKWTAPEALSRGHYSTKSDVWSFGILLHEMF SRGQVPYPGMSN HEAFLRVDAGYRMPCLPCPPSVHKLMLTCWCRDPEQRPCFKALRERL SSFTSYENPT
Host:	Mouse
Reactivity:	Human
Quality Control Testing:	Antibody reactive against mammalian transfected lysate.
Storage Buffer:	In 1x PBS, pH 7.4
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
MSDS:	 Download
Datasheet:	 Download

Application Image

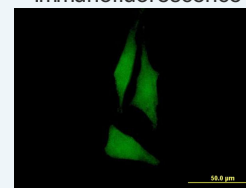
Western Blot (Tissue lysate)


 [enlarge](#)

Western Blot (Transfected lysate)

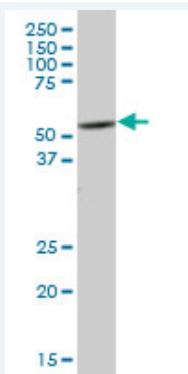

 [enlarge](#)

Immunofluorescence


 [enlarge](#)
Publication Reference

- [Marine natural products-inspired phenylmethylen hydantoin with potent in vitro and in vivo antitumor activities via suppression of Brk and FAK signaling.](#)
Sallam AA, Mohyeldin MM, Foudah AI, Akl MR, Nazzal S, Meyer SA, Liu YY, El Sayed KA. *Org Biomol Chem*. 2014 Jun 13.
- [The marine-derived siphonolol A-4-O-3',4'-dichlorobenzoate inhibits breast cancer growth and motility in vitro and in vivo through the suppression of Brk and FAK signaling.](#)
Akl MR, Foudah AI, Ebrahim HY, Meyer SA, El Sayed KA. *Mar Drugs*. 2014 Apr 14;12(4):2282-304. doi: 10.3390/md12042282.
- [Optimization, Pharmacophore Modeling and 3D-QSAR Studies of Siphonolanes as Breast Cancer Migration and Proliferation Inhibitors.](#)
Foudah AI, Sallam AA, Akl MR, El Sayed KA. *Eur J Med Chem*. 2014 Feb 12;73:310-24.

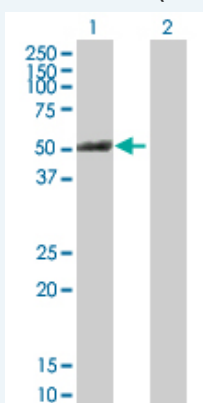
Applications
Western Blot (Tissue lysate)



PTK6 MaxPab polyclonal antibody. Western Blot analysis of PTK6 expression in human colon.

[Protocol Download](#)

Western Blot (Transfected lysate)



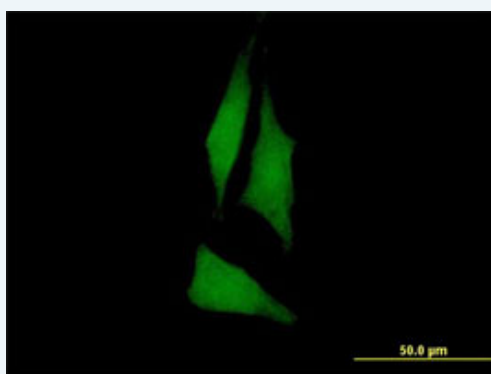
Western Blot analysis of PTK6 expression in transfected 293T cell line ([H00005753-T01](#)) by PTK6 MaxPab polyclonal antibody.

Lane 1: PTK6 transfected lysate(49.61 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Immunofluorescence



[enlarge this image](#)

Immunofluorescence of purified MaxPab antibody to PTK6 on HeLa cell. [antibody concentration 10 ug/ml]

[Protocol Download](#)

Gene Information

Entrez GeneID: [5753](#)

GeneBank [NM_005975.2](#)

Accession#:

Protein [NP_005966.1](#)

Accession#:

Gene Name: PTK6

Gene Alias: BRK,FLJ42088

Gene Description: PTK6 protein tyrosine kinase 6

Omim ID: [602004](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a cytoplasmic nonreceptor protein kinase which may function as an intracellular signal transducer in epithelial tissues. Overexpression of this gene in mammary epithelial cells leads to sensitization of the cells to epidermal growth factor and results in a partially transformed phenotype. Expression of this gene has been detected at low levels in some breast tumors but not in normal breast tissue. The encoded protein has been shown to undergo autophosphorylation. [provided by RefSeq]

Other Designations: OTTHUMP00000031656,breast tumor kinase,protein-tyrosine kinase BRK

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