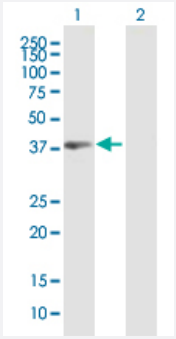
MaxPab®

PBK purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00055872-B01P Size 50 ug

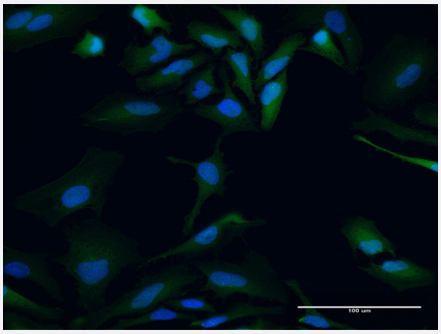
Applications



Western Blot (Transfected lysate)

Western Blot analysis of PBK expression in transfected 293T cell line (H00055872-T02) by PBK MaxPab polyclonal antibody.

Lane 1: PBK transfected lysate(35.53 KDa).
Lane 2: Non-transfected lysate.



Immunofluorescence

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

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human PBK protein.
Immunogen	PBK (NP_060962.2, 1 a.a. ~ 322 a.a) full-length human protein.
Sequence	MEGISNFKTPSKLSEKKKSVLCSTPTINIPASPFMQKLGFGTGVNVYLMKRSPRGLSHSPWAVKKI NPICNDHYRSVYQKRLMDEAKILKSLHHPNIVGYRAFTEANDGSLCLAMEYGGEKSLNDLIEERYK ASQDPFPAAIILKVALNMARGLKYLHQEKKLLHGDIKSSNVVIKGDFETIKICDVGVSLPLDENMTVT DPEACYIGTEPWKPKEAVEENGVITDKADIFAFGLTLWEMMTLSIPHINLSNDDDDEDKTFDESDF DDEAYYAALGTRPPINMEELDESYQKVIELFSVCTNEDPKDRPSAAHIVEALETDV
Host	Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (90)
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.

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  Protocol Download

- Immunofluorescence

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Gene Info — PBK

Entrez GeneID	55872
GeneBank Accession#	NM_018492.2
Protein Accession#	NP_060962.2
Gene Name	PBK
Gene Alias	FLJ14385, Nori-3, SPK, TOPK
Gene Description	PDZ binding kinase
Omim ID	611210
Gene Ontology	Hyperlink

Gene Summary	This genes encodes a serine/threonine kinase related to the dual specific mitogen-activated protein kinase kinase (MAPKK) family. Evidence suggests that mitotic phosphorylation is required for its catalytic activity. This mitotic kinase may be involved in the activation of lymphoid cells and support testicular functions, with a suggested role in the process of spermatogenesis. [provided by RefSeq
Other Designations	MAPKK-like protein kinase|PDZ-binding kinase|T-LAK cell-originated protein kinase|serine/threonine protein kinase|spermatogenesis-related protein kinase

Disease

- Genetic Predisposition to Disease
- Kidney Failure
- Tobacco Use Disorder