

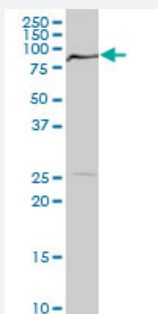
MaxPab®

PDPK1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005170-B01P

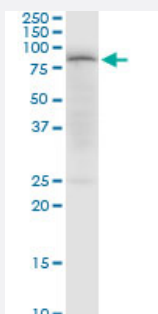
Size 50 ug

Applications



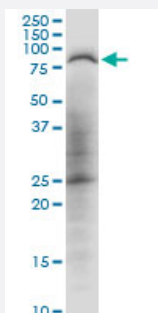
Western Blot (Cell lysate)

PDPK1 MaxPab polyclonal antibody. Western Blot analysis of PDPK1 expression in K-562.



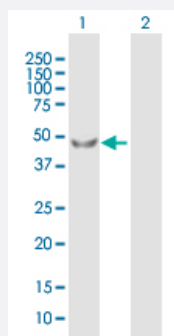
Western Blot (Cell lysate)

PDPK1 MaxPab polyclonal antibody. Western Blot analysis of PDPK1 expression in Raw 264.7.



Western Blot (Cell lysate)

PDPK1 MaxPab polyclonal antibody. Western Blot analysis of PDPK1 expression in NIH/3T3.

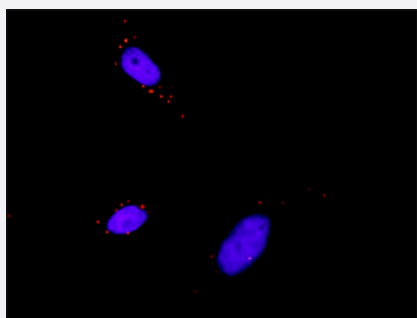


Western Blot (Transfected lysate)

Western Blot analysis of PDPK1 expression in transfected 293T cell line ([H00005170-T01](#)) by PDPK1 MaxPab polyclonal antibody.

Lane 1: PDPK1 transfected lysate(47.19 KDa).

Lane 2: Non-transfected lysate.



In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between RPS6KA3 and PDPK1. HeLa cells were stained with anti-RPS6KA3 rabbit purified polyclonal 1:1200 and anti-PDPK1 mouse purified polyclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human PDPK1 protein.
Immunogen	PDPK1 (NP_112558.2, 1 a.a. ~ 429 a.a) full-length human protein.
Sequence	MARTTSQLYDAVPIQSSVVLCSPPSPSMVRTQTESSTPPGIPGGSRRQGPAMDGTAAEPRPGAGSLQHAQPPPQPRKKRPEDFKFGKILGEGSFSTVVLARELATSREYATRANFVGTAQYVSPPELLTEKSACKSSDLWALGCIYQLVAGLPPFRAGNEYLFQKIKLEYDFPEKFFPKARDLVEKLLVLDATKRLGCEEMEGYGPLKAHPFFESVTWENLHQQTTPPKLTAYLPAMSEDDDCYGNYNLLSQFGCMQVSSSSSSHLSASDTGLPQRSGSNIEQYIHDLSNSFELDLQFSEDEKRLLEKQAGGNPWHQFVENNLILKMGPVDKRKGLFARRRQLLLTEGPHLYYDVPVNVKVLKGEIPWSQELRPEAKNFKTFFVHTPNRTYYLMDPSGNAHKWCRKIQEVWRQRYQSHPDAAVQ
Host	Mouse
Reactivity	Human, Mouse
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.

Applications

- Western Blot (Cell lysate)

PDPK1 MaxPab polyclonal antibody. Western Blot analysis of PDPK1 expression in K-562.

[Protocol Download](#)

- Western Blot (Cell lysate)

PDPK1 MaxPab polyclonal antibody. Western Blot analysis of PDPK1 expression in Raw 264.7.

[Protocol Download](#)

- Western Blot (Cell lysate)

PDPK1 MaxPab polyclonal antibody. Western Blot analysis of PDPK1 expression in NIH/3T3.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PDPK1 expression in transfected 293T cell line ([H00005170-T01](#)) by PDPK1 MaxPab polyclonal antibody.

Lane 1: PDPK1 transfected lysate(47.19 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- In situ* Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between RPS6KA3 and PDPK1. HeLa cells were stained with anti-RPS6KA3 rabbit purified polyclonal 1:1200 and anti-PDPK1 mouse purified polyclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Gene Info — PDPK1

Entrez GeneID [5170](#)

GeneBank Accession# [NM_031268](#)

Protein Accession# [NP_112558.2](#)

Gene Name PDPK1

Gene Alias MGC20087, MGC35290, PDK1, PRO0461

Gene Description 3-phosphoinositide dependent protein kinase-1

Omim ID [605213](#)

Gene Ontology [Hyperlink](#)

Other Designations PkB kinase like gene 1|PkB-like 1|protein kinase

Publication Reference

- [An analysis of protein-protein interactions in cross-talk pathways reveals CRKL as a novel prognostic marker in hepatocellular carcinoma.](#)

Liu CH, Chen TC, Chau GY, Jan YH, Chen CH, Hsu CN, Lin KT, Juang YL, Lu PJ, Cheng HC, Chen MH, Chang CF, Ting YS, Kao CY, Hsiao M, Huang CY.

Molecular & Cellular Proteomics 2013 May; 12(5):1335.

Application: Profiling, Human, Huh7 cells, Mahlavu cells

Pathway

- [Endometrial cancer](#)
- [Focal adhesion](#)
- [Insulin signaling pathway](#)
- [mTOR signaling pathway](#)
- [Non-small cell lung cancer](#)
- [PPAR signaling pathway](#)
- [Prostate cancer](#)

Disease

- [Adenocarcinoma](#)
- [Thyroid Neoplasms](#)