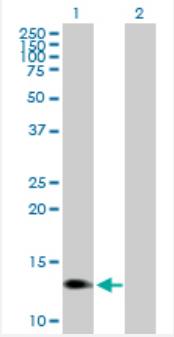
MaxPab®

# PROK1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00084432-B01P Size 50 ug

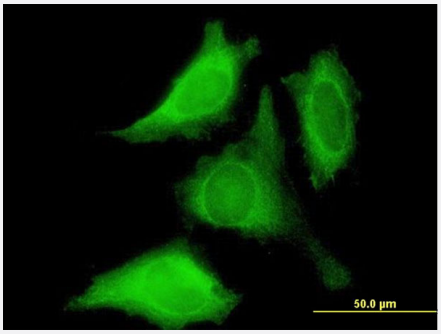
## Applications




### Western Blot (Transfected lysate)

Western Blot analysis of PROK1 expression in transfected 293T cell line (H00084432-T01) by PROK1 MaxPab polyclonal antibody.

Lane1:PROK1 transfected lysate(11.66 KDa).
Lane 2:Non-transfected lysate.




### Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PROK1 on HeLa cell. [antibody concentration 10 ug/ml]

## Specification

| | |
|---|---|
| **Product Description** | Mouse polyclonal antibody raised against a full-length human PROK1 protein. |
| **Immunogen** | PROK1 (AAH25399, 1 a.a. ~ 105 a.a) full-length human protein. |
| **Sequence** | MRGATRVSIMLLLVTVSDCAVITGACERDVQCGAGTCCAISLWLRGLRMCTPLGREGEECHPGS HKIPFFRKRKHHTCPCLPNLLCSRFPDGRYRCSMDLKNINF |
| **Host** | Mouse |
| **Reactivity** | Human |

| | |
|---|---|
| **Interspecies Antigen Sequence** | Mouse (86); 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. |

## Applications

- Western Blot (Transfected lysate)

  Western Blot analysis of PROK1 expression in transfected 293T cell line (H00084432-T01) by PROK1 MaxPab polyclonal antibody.

  Lane1:PROK1 transfected lysate(11.66 KDa).
  Lane 2:Non-transfected lysate.

  Protocol Download

- Immunofluorescence

  Immunofluorescence of purified MaxPab antibody to PROK1 on HeLa cell. [antibody concentration 10 ug/ml]

## Gene Info — PROK1

| | |
|---|---|
| **Entrez GeneID** | 84432 |
| **GeneBank Accession#** | BC025399 |
| **Protein Accession#** | AAH25399 |
| **Gene Name** | PROK1 |
| **Gene Alias** | EGVEGF, PK1, PRK1 |
| **Gene Description** | prokineticin 1 |
| **Omim ID** | 606233 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | Endocrine gland-derived vascular endothelial growth factor (EG-VEGF) induces proliferation, mig ration, and fenestration in capillary endothelial cells derived from endocrine glands. Its expression is induced by hypoxia and is restricted to the steroidogenic glands (ovary, testis, adrenal, and pla centa). Its expression is often complementary to the expression of VEGF (MIM 192240), suggesti ng that these molecules function in a coordinated manner.[supplied by OMIM |

| | |
|---|---|
| **Other Designations** | OTTHUMP00000013289\|black mamba toxin-related protein\|mambakine |

## Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Kidney Failure