

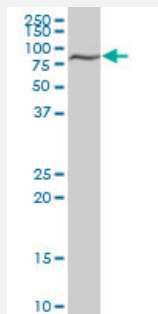
MaxPab®

PRKG1 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005592-B01P

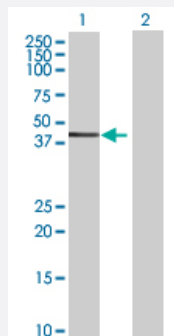
Size 50 ug

Applications



Western Blot (Tissue lysate)

PRKG1 MaxPab polyclonal antibody. Western Blot analysis of PRKG1 expression in human colon.

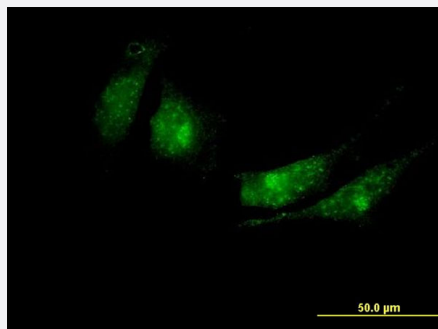


Western Blot (Transfected lysate)

Western Blot analysis of PRKG1 expression in transfected 293T cell line ([H00005592-T01](#)) by PRKG1 MaxPab polyclonal antibody.

Lane 1: PRKG1 transfected lysate(34.32 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PRKG1 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PRKG1 protein.

Immunogen	PRKG1 (AAH62688.1, 1 a.a. ~ 312 a.a) full-length human protein.
Sequence	MGTLRDLQYALQEIEELRQRDALIDELELELDQKDELIQKLQNELDKYRSVIRPATQQAQKQSAST LQGEPRTRQAISSAEPTAFDIQDLSHVTLPPFYKSPQSKDLIKEILDNDFMKNLELSQIQEIVDCMY PVEYGKDSCLKEGDVGSLLVYVMEDGKVEVTKEGVKLCMTMGPGKVFGEALILYNCTRTATVKTLVN VKLWAIDRQCFQTIMMRTGLIKHTEYMEFLKSVPTFQSLPEEILSKLADVLEETHYENGEYIIRQGAR GDTFFIISKGTNVNVTREDSPSEDPVFLRTLKGKGDWFGKALQG
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.

Applications

- Western Blot (Tissue lysate)

PRKG1 MaxPab polyclonal antibody. Western Blot analysis of PRKG1 expression in human colon.

[Protocol Download](#)

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Western Blot analysis of PRKG1 expression in transfected 293T cell line ([H00005592-T01](#)) by PRKG1 MaxPab polyclonal antibody.

Lane 1: PRKG1 transfected lysate(34.32 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PRKG1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — PRKG1

Entrez GeneID	5592
GeneBank Accession#	BC062688.1
Protein Accession#	AAH62688.1

Gene Name	PRKG1
Gene Alias	CGKI, DKFZp686K042, FLJ36117, MGC71944, PGK, PKG, PRKG1B, PRKGR1B, cGKI-BETA, cGKI-alpha
Gene Description	protein kinase, cGMP-dependent, type I
Omim ID	176894
Gene Ontology	Hyperlink
Gene Summary	cGMP-dependent
Other Designations	OTTHUMP00000019619 OTTHUMP00000061216 protein kinase, cGMP-dependent, regulatory, type I, beta

Pathway

- [Gap junction](#)
- [Long-term depression](#)
- [Olfactory transduction](#)
- [Vascular smooth muscle contraction](#)

Disease

- [Alzheimer Disease](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Cerebral Hemorrhage](#)
- [Coronary Disease](#)
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