

# IHPK2 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00051447-B01P

規格 : [ 50 ug ]

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## Specification

**Product Description:** Mouse polyclonal antibody raised against a full-length human IHPK2 protein.

**Immunogen:** IHPK2 (AAH65533.1, 1 a.a. ~ 426 a.a) full-length human protein.

**Sequence:**  
 MSPAFRAMDVEPRAKGVLLPEPFVHQVGGHSCVLRFNETTLCCKPLVPRE  
 HQFYETLPAEMRKFTPQYKGVVSVRFEEDRNLCLAIYPLKGDHGIVDI  
 VDNSDCEPKSKLLRWTTNKKHHVLETEKTPKDWVRQHRKEEKMKSHKL  
 EEEFEWLKKSEVLYYTVKKNISSQLKHYNPWSMKCHQQQLQRMKEN  
 AKHRNQYKFILLENLTSRYEVPCVLDLKMGRQHGDDASEEKAANQIRKC  
 QQSTSAVIGVRVCGMQVYQAGSGQLMFMNKYHGRKLSVQGFKEALFQ  
 FFHNGRYLRRELLGPVKKLTELKAVLERQESYRFYSSLLVIYDGKERP  
 EVVLDSDAEDLEDLSEESADESAGAYAYKPIGASSVDVRMIDFAHTTCRL  
 YGEDTVWHEGQDAGYIFGLQSLIDIVTEISEESGE

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** In 1x PBS, pH 7.4

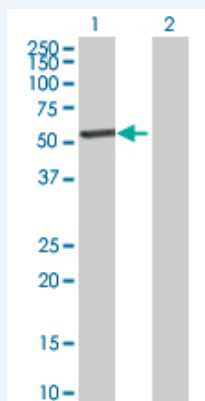
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:** [Download](#)

**Datasheet:** [Download](#)

## Applications

### Western Blot (Transfected lysate)



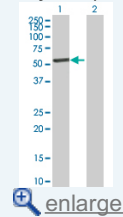
Western Blot analysis of IHPK2 expression in transfected 293T cell line (H00051447-T01) by IHPK2 MaxPab polyclonal antibody.

Lane 1: IHPK2 transfected lysate(46.86 kDa).

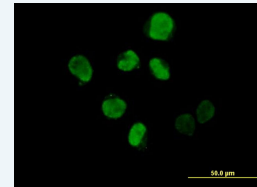
Lane 2: Non-transfected lysate.

## Application Image

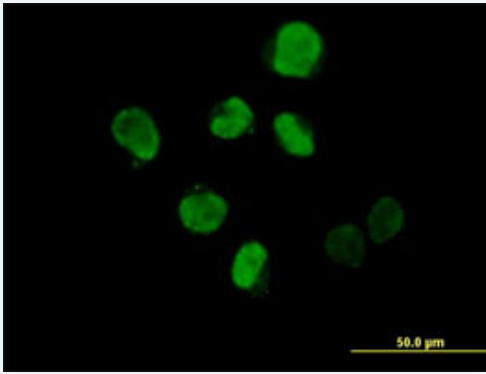
### Western Blot (Transfected lysate)




### Immunofluorescence



## Immunofluorescence



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Immunofluorescence of purified MaxPab antibody to IHPK2 on HeLa cell. [antibody concentration 10 ug/ml]

## Gene Information

**Entrez GeneID:** [51447](#)

**GeneBank Accession#:** [BC065533.1](#)

**Protein Accession#:** [AAH65533.1](#)

**Gene Name:** IP6K2

**Gene Alias:** IHPK2,PIUS

**Gene Description:** inositol hexakisphosphate kinase 2

**Omim ID:** [606992](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** This gene encodes a protein that belongs to the inositol phosphokinase (IPK) family. This protein is likely responsible for the conversion of inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5). It may also convert 1,3,4,5,6-pentakisphosphate (InsP5) to PP-InsP4 and affect the growth suppressive and apoptotic activities of interferon-beta in some ovarian cancers. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

**Other Designations:** ATP:1D-myo-inositol-hexakisphosphate phosphotransferase,OTTHUMP00000164824,Pi uptake stimulator,inositol hexaphosphate kinase 2,insP6 kinase 2