

# IP6K2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51285

## Product Information

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IP, ICC, IHC-P     |
| Primary Accession | <a href="#">Q9UHH9</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 49186                  |

## Additional Information

|                    |                                                                                                                                      |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | 51447                                                                                                                                |
| Other Names        | Inositol hexakisphosphate kinase 2, InsP6 kinase 2, P(i)-uptake stimulator, PiUS, IP6K2, IHPK2                                       |
| Target/Specificity | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human IP6K2. The exact sequence is proprietary. |
| Dilution           | WB~~1:1000 IP~~N/A ICC~~N/A IHC-P~~N/A                                                                                               |
| Format             | 0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%                                                                            |
| Storage            | Store at -20 °C.Stable for 12 months from date of receipt                                                                            |

## Protein Information

|                   |                                                                                                     |
|-------------------|-----------------------------------------------------------------------------------------------------|
| Name              | IP6K2 {ECO:0000303   PubMed:30624931}                                                               |
| Synonyms          | IHPK2                                                                                               |
| Function          | Converts inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5). |
| Cellular Location | Nucleus.                                                                                            |

## Background

Converts inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5).  
Converts 1,3,4,5,6-pentakisphosphate (InsP5) to PP-InsP4.

## References

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- Saiardi A.,et al.Curr. Biol. 9:1323-1326(1999).  
Zhou J.,et al.Submitted (JUL-2000) to the EMBL/GenBank/DDBJ databases.  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Muzny D.M.,et al.Nature 440:1194-1198(2006).  
Bechtel S.,et al.BMC Genomics 8:399-399(2007).

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