





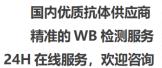
IP6K1 Polyclonal Antibody

| Catalog No | BYab-05013 | |
|--------------------|---|--|
| Isotype | IgG | |
| Reactivity | Human;Mouse;Rat | |
| Applications | WB;ELISA | |
| Gene Name | IP6K1 IHPK1 KIAA0263 | |
| Protein Name | Inositol hexakisphosphate kinase 1 (InsP6 kinase 1) (EC 2.7.4.21) (Inositol hexaphosphate kinase 1) | |
| Immunogen | Synthesized peptide derived from human protein . at AA range: 140-220 | |
| Specificity | IP6K1 Polyclonal Antibody detects endogenous levels of protein. | |
| Formulation | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. | |
| Source | Polyclonal, Rabbit,IgG | |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. | |
| Dilution | WB 1:500-2000 ELISA 1:5000-20000 | |
| Concentration | 1 mg/ml | |
| Purity | ≥90% | |
| Storage Stability | -20°C/1 year | |
| Synonyms | | |
| Observed Band | 48kD | |
| Cell Pathway | Cytoplasm . Nucleus . | |
| Tissue Specificity | Bone marrow,Eye,Hippocampus, | |
| Function | catalytic activity:ATP + 1D-myo-inositol 1,3,4,5,6-pentakisphosphate = ADP + diphospho-1D-myo-inositol tetrakisphosphate (isomeric configuration unknown).,catalytic activity:ATP + 1D-myo-inositol hexakisphosphate = ADP + 5-diphospho-1D-myo-inositol (1,2,3,4,6)pentakisphosphate.,function:Converts inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5). Converts 1,3,4,5,6-pentakisphosphate (InsP5) to PP-InsP4.,similarity:Belongs to the inositol phosphokinase (IPK) family., | |
| Background | This gene encodes a member of the inositol phosphokinase family. The encoded protein may be 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. Alternatively spliced | |

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