

Anti-Human/Mouse/Rat/Monkey IPMK Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA04623

3th Edition

Description: This gene encodes a member of the inositol phosphokinase family. The encoded protein has 3-kinase, 5-kinase and 6-kinase activities on phosphorylated inositol substrates. The encoded protein plays an important role in the biosynthesis of inositol 1,3,4,5,6-pentakisphosphate, and has a preferred 5-kinase activity. This gene may play a role in nuclear mRNA export. Pseudogenes of this gene are located on the long arm of chromosome 13 and the short arm of chromosome 19. IPMK (Inositol Polyphosphate Multikinase) is a Protein Coding gene. Diseases associated with IPMK include Hereditary Neuroendocrine Tumor Of Small Intestine. Among its related pathways are Inositol phosphate metabolism (KEGG) and Inositol phosphate metabolism (REACTOME). GO annotations related to this gene include inositol-1,4,5-trisphosphate 3-kinase activity and inositol tetrakisphosphate 3-kinase activity. An important paralog of this gene is IP6K1.

Antigen: Synthesized peptide derived from the C-terminal region of human IPMK

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Ubiquitous, with the highest expression in skeletal muscle, liver, placenta, lung, peripheral blood leukocytes, kidney, spleen and colon.