

Anti-Human/Mouse/Rat MINPP1 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA04984

3th Edition

Description: This gene encodes multiple inositol polyphosphate phosphatase; an enzyme that removes 3-phosphate from inositol phosphate substrates. It is the only enzyme known to hydrolyze inositol pentakisphosphate and inositol hexakisphosphate. This enzyme also converts 2,3 bisphosphoglycerate (2,3-BPG) to 2-phosphoglycerate; an activity formerly thought to be exclusive to 2,3-BPG synthase/2-phosphatase (BPGM) in the Rapoport-Luebering shunt of the glycolytic pathway. MINPP1 (Multiple Inositol-Polyphosphate Phosphatase 1) is a Protein Coding gene. Diseases associated with MINPP1 include Thyroid Cancer, Nonmedullary, 2 and Polyposis, Juvenile Intestinal. Among its related pathways are Inositol phosphate metabolism (KEGG) and Synthesis of IPs in the ER lumen. GO annotations related to this gene include phosphatase activity and phosphohistidine phosphatase activity.

Antigen: Synthesized peptide derived from the Internal region of human MIPP

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: Widely expressed with highest levels in kidney, liver and placenta.