

INPP4B Rabbit mAb

Catalog # AP75621

Product Information

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|-------------------|------------------------|
| Application | WB |
| Primary Accession | O15327 |
| Reactivity | Human, Rat |
| Host | Rabbit |
| Clonality | Monoclonal Antibody |
| Calculated MW | 104738 |

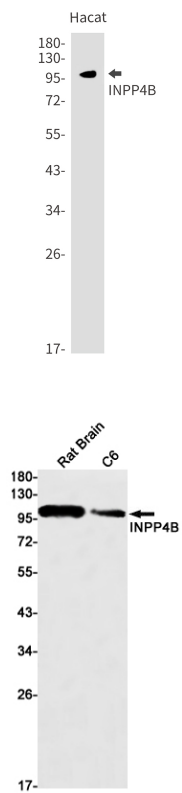
Additional Information

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|-------------|--|
| Gene ID | 8821 |
| Other Names | INPP4B |
| Dilution | WB~~1/500-1/1000 |
| Format | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |

Protein Information

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|-----------------|--|
| Name | INPP4B |
| Function | Catalyzes the hydrolysis of the 4-position phosphate of phosphatidylinositol 3,4-bisphosphate, inositol 1,3,4-trisphosphate and inositol 3,4-trisphosphate (PubMed: 24070612 , PubMed: 24591580). Plays a role in the late stages of macropinocytosis by dephosphorylating phosphatidylinositol 3,4-bisphosphate in membrane ruffles (PubMed: 24591580). The lipid phosphatase activity is critical for tumor suppressor function. Antagonizes the PI3K-AKT/PKB signaling pathway by dephosphorylating phosphoinositides and thereby modulating cell cycle progression and cell survival (PubMed: 19647222 , PubMed: 24070612). |
| Tissue Location | Widely expressed with highest levels occurring in the skeletal muscle and heart. |

Images



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