# MTMR5 rabbit pAb

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| **Catalog No** | BYab-08951 |
| **Isotype** | IgG |
| **Reactivity** | Human; Mouse |
| **Applications** | WB |
| **Gene Name** | SBF1 MTMR5 |
| **Protein Name** | MTMR5 |
| **Immunogen** | Synthesized peptide derived from human MTMR5 AA range: 320-370 |
| **Specificity** | This antibody detects endogenous levels of MTMR5 at Human/Mouse |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Source** | Polyclonal, Rabbit,IgG |
| **Purification** | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. |
| **Dilution** | WB 1：500-2000 |
| **Concentration** | 1 mg/ml |
| **Purity** | ≥90% |
| **Storage Stability** | -20°C/1 year |
| **Synonyms** | |
| **Observed Band** | |
| **Cell Pathway** | Cytoplasm . Cytoplasm, perinuclear region . |
| **Tissue Specificity** | |
| **Function** | function:Probable pseudophosphatase. Lacks several amino acids in the catalytic pocket which renders it catalytically inactive as a phosphatase. The pocket is however sufficiently preserved to bind phosphorylated substrates, and maybe protect them from phosphatases. Inhibits myoblast differentiation in vitro and induces oncogenic transformation in fibroblasts.,similarity:Belongs to the protein-tyrosine phosphatase family. Non-receptor class myotubularin subfamily.,similarity:Contains 1 dDENN domain.,similarity:Contains 1 DENN domain.,similarity:Contains 1 GRAM domain.,similarity:Contains 1 myotubularin phosphatase domain.,similarity:Contains 1 PH domain.,similarity:Contains 1 uDENN domain.,subunit:Interacts with the SET domain of MLL/HRX. Interacts with SUV39H1., |

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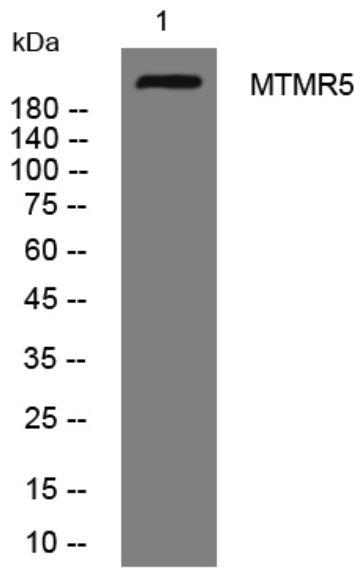
| **Background** | This gene encodes a member of the protein-tyrosine phosphatase family. However, the encoded protein does not appear to be a catalytically active phosphatase because it lacks several amino acids in the catalytic pocket. This protein contains a Guanine nucleotide exchange factor (GEF) domain which is necessary for its role in growth and differentiation. Mutations in this gene have been associated with Charcot-Marie-Tooth disease 4B3. Pseudogenes of this gene have been defined on chromosomes 1 and 8. [provided by RefSeq, Dec 2014], |
| **matters needing attention** | Avoid repeated freezing and thawing! |
| **Usage suggestions** | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel. |

## Products Images




Western blot analysis of lysates from A549 cells, primary antibody was diluted at 1:1000, 4°over night