

MPRD Rabbit pAb

CatalogNo: YN0569

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 30kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000**ELISA 1:5000-20000**

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from part region of human protein. AA range:39-139**Specificity** MPRD Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name M6PR MPR46 MPRD

Protein Name Cation-dependent mannose-6-phosphate receptor (CD Man-6-P receptor) (CD-MPR) (46 kDa mannose 6-phosphate receptor) (MPR 46)

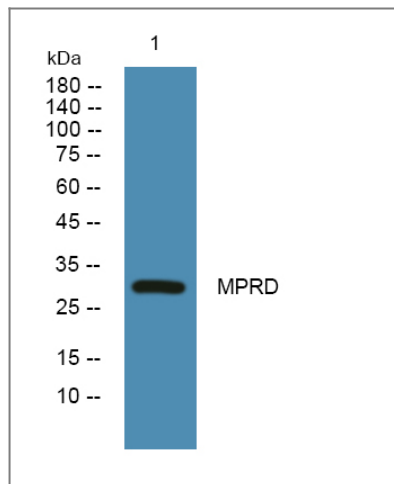
Organism	Gene ID	UniProt ID
Human	4074 ;	P20645 ;
Mouse		P24668 ;
Rat		Q6AY20 ;

Cellular Localization Lysosome membrane; Single-pass type I membrane protein.

Tissue specificity Leukocyte,Liver,Muscle,Uterus,

Function Domain:The extracellular domain is homologous to the repeating units (of approximately 147 AA) of the cation-independent mannose 6-phosphate receptor.,Function:Transport of phosphorylated lysosomal enzymes from the Golgi complex and the cell surface to lysosomes. Lysosomal enzymes bearing phosphomannosyl residues bind specifically to mannose-6-phosphate receptors in the Golgi apparatus and the resulting receptor-ligand complex is transported to an acidic prelysosomal compartment where the low pH mediates the dissociation of the complex.,miscellaneous:This receptor has optimal binding in the presence of divalent cations.,subunit:Homodimer. Binds GGA1, GGA2 and GGA3.,

Validation Data



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4° over night

Contact information

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