

## 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

**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)

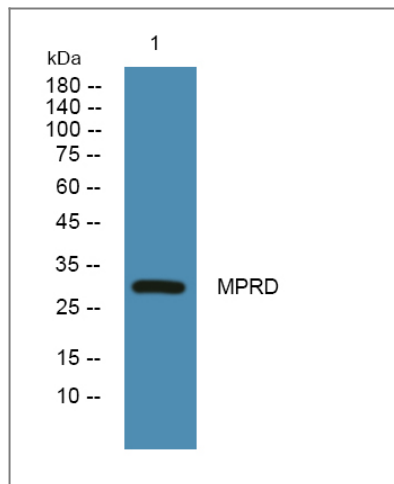
Organism	Gene ID	UniProt ID
Human	<a href="#">4074</a> ;	<a href="#">P20645</a> ;
Mouse		<a href="#">P24668</a> ;
Rat		<a href="#">Q6AY20</a> ;

**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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