

## 2A5G Rabbit pAb

CatalogNo: YN1279

### | Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB, ELISA

#### MW

- 57kD (Observed)

#### Isotype

- IgG

### | Recommended Dilution Ratios

**WB 1:500-2000**

**ELISA 1:5000-20000**

### | Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

### | Basic Information

**Clonality** Polyclonal

### | Immunogen Information

**Immunogen** Synthesized peptide derived from human protein . at AA range: 360-440

**Specificity** 2A5G Polyclonal Antibody detects endogenous levels of protein.

### | Target Information

**Gene name** PPP2R5C KIAA0044

**Protein Name** Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit gamma isoform (PP2A B subunit isoform B'-gamma) (PP2A B subunit isoform B56-gamma) (PP2A B subunit isoform PR61-gamma) (PP2A B subunit isoform R5-gamma) (Renal carcinoma antigen NY-REN-29)

Organism	Gene ID	UniProt ID
Human	<a href="#">5527</a> ;	<a href="#">Q13362</a> ;
Mouse		<a href="#">Q60996</a> ;

**Cellular Localization** Nucleus. Chromosome, centromere.

**Tissue specificity** Highest levels in heart, skeletal muscle and brain. Lower levels in pancreas, kidney, lung and placenta. Very low levels in liver.

**Function** Function:The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment.,PTM:Isoform Gamma-3 is phosphorylated on serine residues while isoform Gamma-1 is not.,similarity:Belongs to the phosphatase 2A regulatory subunit B56 family.,subunit:PP2A consists of a common heterodimeric core enzyme, composed of a 36 kDa catalytic subunit (subunit C) and a 65 kDa constant regulatory subunit (PR65 or subunit A), that associates with a variety of regulatory subunits. Proteins that associate with the core dimer include three families of regulatory subunits B (the R2/B/PR55/B55, R3/B''/PR72/PR130/PR59 and R5/B'/B56 families), the 48 kDa variable regulatory subunit, viral proteins, and cell signaling molecules. Interacts with SGOL1.,tissue specificity:Highest levels in heart, skeletal muscle and brain. Lower levels in pancreas, kidney, lung and placenta. Very low levels in liver.,

## Validation Data

## Contact information

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