

## GUCY2F Rabbit pAb

CatalogNo: YN7095

### | Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB

#### MW

- 122kD (Calculated)

#### Isotype

- IgG

### | Recommended Dilution Ratios

WB 1:500-2000

### | 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.

### | Basic Information

**Clonality** Polyclonal

### | Immunogen Information

**Immunogen** Synthesized peptide derived from human GUCY2F

**Specificity** This antibody detects endogenous levels of GUCY2F at Human, Mouse, Rat

### | Target Information

**Gene name** GUCY2F GUC2F RETGC2

<b>Protein Name</b>	Retinal guanylyl cyclase 2 (RETGC-2) (Guanylate cyclase 2F, retinal) (Guanylate cyclase F) (GC-F) (Rod outer segment membrane guanylate cyclase 2) (ROS-GC2)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">2986</a> ;	<a href="#">P51841</a> ;
	Mouse	<a href="#">245650</a> ;	<a href="#">Q5SDA5</a> ;
	Rat	<a href="#">116556</a> ;	<a href="#">P51842</a> ;
<b>Cellular Localization</b>	Photoreceptor outer segment membrane ; Single-pass type I membrane protein .		
<b>Tissue specificity</b>	Retina. Localized exclusively in the outer nuclear layer and inner segments of the rod and cone photoreceptor cells.		
<b>Function</b>	Responsible for the synthesis of cyclic GMP (cGMP) in rods and cones of photoreceptors . Plays an essential role in phototransduction, by mediating cGMP replenishment (By similarity). May also participate in the trafficking of membrane-associated proteins to the photoreceptor outer segment membrane (By similarity).		

## | Validation Data

## | Contact information

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