

## PREB Rabbit pAb

CatalogNo: YN6297

### | Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB

#### MW

- 46kD (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 PREB

#### Specificity

This antibody detects endogenous levels of PREB at Human, Mouse, Rat

### | Target Information

#### Gene name

PREB SEC12

<b>Protein Name</b>	Prolactin regulatory element-binding protein (Mammalian guanine nucleotide exchange factor mSec12)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">10113</a> ;	<a href="#">Q9HCU5</a> ;
	Mouse	<a href="#">50907</a> ;	<a href="#">Q9WUQ2</a> ;
	Rat	<a href="#">58842</a> ;	<a href="#">Q9WTV0</a> ;
<b>Cellular Localization</b>	Endoplasmic reticulum membrane ; Single-pass membrane protein . Nucleus . Concentrates at endoplasmic reticulum exit sites (ERES), also known as transitional endoplasmic reticulum (tER). .		
<b>Tissue specificity</b>	Ubiquitous.		
<b>Function</b>	Guanine nucleotide exchange factor that specifically activates the small GTPase SAR1B. Mediates the recruitment of SAR1B and other COPII coat components to endoplasmic reticulum membranes and is therefore required for the formation of COPII transport vesicles from the ER. ; Was first identified based on its probable role in the regulation of pituitary gene transcription. Binds to the prolactin gene (PRL) promoter and seems to activate transcription.		

## Validation Data

## Contact information

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**PREB Rabbit pAb**

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