

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

Protein Name	Prolactin regulatory element-binding protein (Mammalian guanine nucleotide exchange factor mSec12)		
	Organism	Gene ID	UniProt ID
	Human	10113 ;	Q9HCU5 ;
	Mouse	50907 ;	Q9WUQ2 ;
	Rat	58842 ;	Q9WTV0 ;
Cellular Localization	Endoplasmic reticulum membrane ; Single-pass membrane protein . Nucleus . Concentrates at endoplasmic reticulum exit sites (ERES), also known as transitional endoplasmic reticulum (tER). .		
Tissue specificity	Ubiquitous.		
Function	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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