

## CALR3 Rabbit pAb

CatalogNo: YN0542

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB, ELISA

#### MW

- 42kD (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 part region of human protein

#### Specificity

CALR3 Polyclonal Antibody detects endogenous levels of protein.

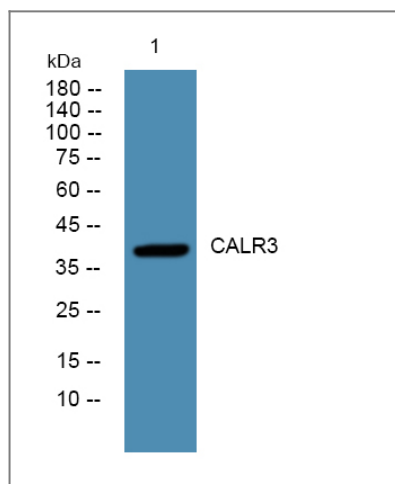
### Target Information

#### Gene name

CALR3 CRT2

<b>Protein Name</b>	Calreticulin-3 (Calreticulin-2) (Calsperin)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">125972</a> ;	<a href="#">Q96L12</a> ;
	Mouse		<a href="#">Q9D9Q6</a> ;
<b>Cellular Localization</b>	Endoplasmic reticulum lumen .		
<b>Tissue specificity</b>	Testis specific.		
<b>Function</b>	<p>Domain:Can be divided into a N-terminal globular domain, a proline-rich P-domain forming an elongated arm-like structure and a C-terminal acidic domain. The P-domain binds one molecule of calcium with high affinity, whereas the acidic C-domain binds multiple calcium ions with low affinity.,Domain:The interaction with glycans occurs through a binding site in the globular lectin domain.,Domain:The zinc binding sites are localized to the N-domain.,Function:Molecular calcium binding chaperone promoting folding, oligomeric assembly and quality control in the ER via the calreticulin/calnexin cycle. This lectin may interact transiently with almost all of the monoglucosylated glycoproteins that are synthesized in the ER.,similarity:Belongs to the calreticulin family.,subunit:Component of an EIF2 complex at least composed of CUGBP1, CALR, CALR3, EIF2S1, EIF2S2, HSP90B1 and HSPA5.,tissue specificity:Testis specific.,</p>		

## Validation Data



Western blot analysis of lysates from A431 cells, primary antibody was diluted at 1:1000, 4° over night

## Contact information

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