

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

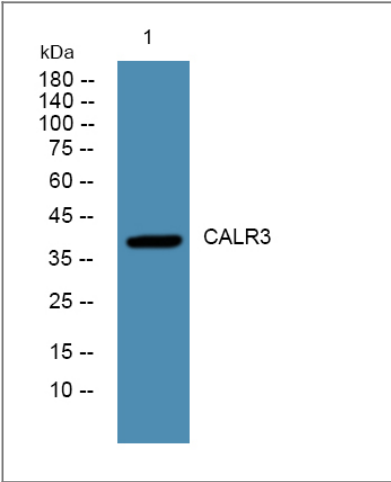
Specificity CALR3 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name CALR3 CRT2

Protein Name	Calreticulin-3 (Calreticulin-2) (Calsperin)		
	Organism	Gene ID	UniProt ID
	Human	125972 ;	Q96L12 ;
	Mouse		Q9D9Q6 ;
Cellular Localization	Endoplasmic reticulum lumen .		
Tissue specificity	Testis specific.		
Function	<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

Orders: order@immunoway.com
Support: tech@immunoway.com
Telephone: 877-594-3616 (Toll Free), 408-747-0185
Website: http://www.immunoway.com
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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