

## CALR Conjugated Antibody

Catalog No: #C33733



Package Size: #C33733-AF350 100ul #C33733-AF405 100ul #C33733-AF488 100ul  
 #C33733-AF555 100ul #C33733-AF594 100ul #C33733-AF647 100ul  
 #C33733-AF680 100ul #C33733-AF750 100ul #C33733-Biotin 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	CALR Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total CALR protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human CALR.
Target Name	CALR
Other Names	CALR; CRP55; CRTC; Calreticulin precursor; ERp60
Accession No.	Swiss-Prot: P27797NCBI Gene ID: 811
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
SDS-PAGE MW	48kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:500

## Background

Calcium-binding chaperone that promotes folding, oligomeric assembly and quality control in the endoplasmic reticulum (ER) via the

calreticulin/calnexin cycle. This lectin interacts transiently with almost all of the monoglucosylated glycoproteins that are synthesized in the ER. Interacts with the DNA-binding domain of NR3C1 and mediates its nuclear export. Involved in maternal gene expression regulation. May participate in oocyte maturation via the regulation of calcium homeostasis By similarity.

McCauliffe D.P., J. Clin. Invest. 85:1379-1391(1990).

Rokeach L.A., J. Immunol. 147:3031-3039(1991).

McCauliffe D.P., J. Biol. Chem. 267:2557-2562(1992).

---

Note: This product is for in vitro research use only