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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Calreticulin. Sheep Polyclonal Antibody

BACKGROUND

Calreticulin, a Ca²⁺ chaperone, is an abundant highly conserved calcium binding protein found in the lumen of the endoplasmic reticulum of eukaryotic cells. This lumen protein can be used to measure the intactness of membrane preparations. It is used as a marker for subcellular fractionation of cells.

ORDERING INFORMATION

CATALOG NUMBER

Z100P

SIZE

250 µg

FORM

Unconjugated

HOST/CLONE

Sheep

FORMULATION

Provided as solution in phosphate buffered saline with 0.08% sodium azide

CONCENTRATION

See vial for concentration

ISOTYPE

IgG

APPLICATIONS

Western Blot, Immunoprecipitation, Immunohistochemistry

SPECIES REACTIVITY

Human, Mouse, Rat, Dog

ACCESSION NUMBER

Q6IAT4, Human

IMMUNOGEN

Recombinant protein derived from the carboxy terminus of the calreticulin protein fused to KLH.

POSITIVE CONTROL/TISSUE EXPRESSION

MDCK cells; MCF-7 cells. Suitable for use against recombinant proteins conjugated to OVA, GST, His tags and other.

COMMENTS

Antibody can be used for Western blotting (1:1000-1:5000 dilution) and immunofluorescence (1:50 dilution). Optimal concentration should be evaluated by serial dilutions. Suitable for use against recombinant proteins conjugated to OVA, GST, His tags and other.

PURIFICATION

Ammonium Sulfate Precipitation

SHIP CONDITIONS

Ship at ambient temperature, freeze upon arrival

STORAGE CUSTOMER

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

STABILITY

Products are stable for one year from purchase when stored properly

REFERENCES

1. Kageyama, S., et al. 'Urinary calreticulin in the diagnosis of bladder urothelial carcinoma.' *Int. J. Urol.* 2009, 16, 481-486
2. Silerova, M., et al. 'Characterization, molecular cloning and localization of calreticulin in Eisenia fetida earthworms.' *Gene* 2007, 397, 169-177
3. Souto-Padron, T., et al. 'Immunocytochemical localisation of calreticulin in Trypanosoma cruzi.' *Histochem. Cell Biol.* 2004, 122, 563-569

PRODUCT SPECIFIC REFERENCES