

Anti-SPCA2(calcium-transporting ATPase 2C2) Polyclonal Antibody

Cat. #: 60B802

Description:

SPCA2(calcium-transporting ATPase 2C2) has the ability to transport $\text{Ca}(2+)$ and $\text{Mn}(2+)$; both its transport and $\text{Ca}(2+)$ - and $\text{Mn}(2+)$ -dependent phosphoprotein intermediate formation functions are insensitive to thapsigargin inhibition. SPCA2 may have a more specialized role in mammalian cells, possibly in cellular detoxification of Mn^{2+} ions.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to residues 426-438 of human SPCA2(calcium-transporting ATPase 2C2)

References

Dode,L., et al, J. Biol. Chem. 281 (6), 3182-3189 (2006)
Vanoevelen,J., et al, J. Biol. Chem. 280 (24), 22800-22808 (2005)
Xiang,M., et al, J. Biol. Chem. 280 (12), 11608-11614 (2005)

Clone Number:

Isotype:

Species: Human

Storage and Stability: at -20°C

Storage buffer: This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation: Purified by antigen-specific affinity chromatography.

Applications : ELISA Western Blotting (1 $\mu\text{g}/\text{ml}$ for 2hrs)