

Anti-ERG28(Probable ergosterol biosynthetic protein 28) Polyclonal Antibody

Cat. #:60B735

Description:

ERG28(Probable ergosterol biosynthetic protein 28) has a role as a scaffold to help anchor ERG25, ERG26 and ERG27 to the endoplasmic reticulum. ERG28 may also be responsible for facilitating their interaction. The ERG28-encoded protein, Erg28p, interacts with both the sterol C-4 demethylation enzyme complex as well as the late biosynthetic protein, the C-24 sterol methyltransferase (Erg6p). ERG28 acts as a scaffold to tether ERG27 and other 4,4-demethylation-related enzymes, forming a demethylation enzyme complex, in the endoplasmic reticulum. ERG28 interacts with ERG25, ERG26 and ERG27. It also interacts with ERG1, ERG3, ERG5, ERG6 and ERG11.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of mouse ERG28(Probable ergosterol biosynthetic protein 28)

References

Ottolenghi,C., et al, Mamm. Genome 11 (9), 786-788 (2000)
Gachotte,D., et al, J. Lipid Res. 42 (1), 150-154 (2001)
Mo,C., et al, Proc. Natl. Acad. Sci. U.S.A. 99 (15), 9739-9744 (2002)
Ghaemmaghani,S., et al, Nature 425 (6959), 737-741 (2003)
Mo,C., et al, Biochim. Biophys. Acta 1686 (1-2), 30-36 (2004)

Species: mouse, human

Storage and Stability: at -20oC

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 (1µg/ml for 2hrs)