

Anti-ITPR2(Inositol 1,4,5-trisphosphate receptor type 2) Polyclonal Antibody

Cat. #: 60B510

Description:

ITPR2(Inositol 1,4,5-trisphosphate receptor type 2) is the receptor for inositol 1,4,5-trisphosphate, a second messenger that mediates the release of intracellular calcium. The receptor contains a calcium channel in its C-terminal extremity. Its large N-terminal cytoplasmic region has the ligand-binding site in the N-terminus and modulatory sites in the middle portion immediately upstream of the channel region. Calcium appears to inhibit ligand binding to the receptor, most probably by interacting with a distinct calcium-binding protein which then inhibits the receptor.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of human ITPR2 (Inositol 1,4,5-trisphosphate receptor type 2)

References

Yamamoto-Hino,M., et al, Recept. Channels 2 (1), 9-22 (1994)
Futatsugi,A., et al, Biochem. J. 334 (PT 3), 559-563 (1998)

Clone Number:

Isotype:

Species: human, mouse, rat

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)