

IP3-receptor type 1

Cat.No. 117 002; Polyclonal rabbit antibody, 200 µl antiserum (lyophilized)

Data Sheet

Reconstitution/ Storage	200 µl antiserum, lyophilized. For reconstitution add 200 µl H ₂ O, then aliquot and store at -20°C until use.
Applications	WB: 1 : 1000 (AP staining) IP: not tested yet ICC: not tested yet IHC: yes IHC-P/FFPE: 1 : 100
Immunogen	Synthetic peptide corresponding to AA 2731 to 2749 from rat IP3-receptortype1 (UniProt Id: P29994)
Reactivity	Reacts with: human (Q14643), rat (P29994), mouse (P11881), cow. Other species not tested yet.
Specificity matching control	Specific for InsP3. 117-OP

**TO BE USED IN VITRO / FOR RESEARCH ONLY
NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS**

Inositol 1, 4, 5 - trisphosphate InsP3 is an intracellular messenger that triggers release of Ca²⁺ from intracellular stores. InsP3 acts by binding to specific receptors localized to endoplasmic reticulum. There are at least three types of InsP3 receptors, of which the type 1 receptor is the most abundant. All three receptors appear to be widely expressed. Highest levels of the type 1 InsP3 receptors are found in neurons, with very high expression in the Purkinje cells of the cerebellum.

Rudolf-Wissell-Str. 28
37079 Göttingen, Germany
Phone: +49 551-50556-0
Fax: +49 551-50556-384
E-mail: sales@sysy.com
Web: www.sysy.com

Selected References SYSY Antibodies

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