Datasheet for ABIN7601587

anti-INPP4A antibody (AA 39-935)

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Overview

Quantity:	100 µg
Target:	INPP4A
Binding Specificity:	AA 39-935
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This INPP4A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-INPP4A Antibody Picoband®
Immunogen:	E.coli-derived human INPP4A recombinant protein (Position: Q39-E935).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-INPP4A Antibody Picoband® (ABIN7601587). Tested in ELISA, IF, ICC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	INPP4A
Alternative Name:	INPP4A (INPP4A Products)
Background:	Synonyms: Ribosome-binding protein 1, 180 kDa ribosome receptor homolog, RRp, ES/130-related protein, Ribosome receptor protein, RRBP1, KIAA1398 Tissue Specificity: Expressed in kidney. Background: Type I inositol-3,4-bisphosphate 4-phosphatase is an enzyme that in humans is encoded by the INPP4A gene. This gene encodes an Mg++ independent enzyme that hydrolyzes the 4-position phosphate from the inositol ring of phosphatidylinositol 3,4-bisphosphate, inositol 1,3,4-trisphosphate, and inositol 3,4-bisphosphate. Multiple transcript variants encoding distinct isoforms have been described.
Molecular Weight:	110 kDa
Gene ID:	3631

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human ELISA, 0.1-0.5 µg/mL, - 1. Joseph, R. E., Walker, J., Norris, F. A. Assignment of the inositol polyphosphate 4-phosphatase type I gene (INPP4A) to human chromosome band 2q11.2 by in situ hybridization. Cytogenet. Cell Genet. 87: 276-277, 1999. 2. Norris, F. A., Auethavekiat, V., Majerus, P. W. The isolation and characterization of cDNA encoding human and rat brain inositol polyphosphate 4-phosphatase. J. Biol. Chem. 270: 16128-16133, 1995. 3. Nystuen, A., Legare, M. E., Shultz, L. D., Frankel, W. N. A null mutation in inositol polyphosphate 4-phosphatase type I causes selective neuronal loss in weeble mutant mice. Neuron 32: 203-212, 2001.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C

Handling

Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.