

Anti-INPP5J Antibody

Catalog Number: A10752-3

About INPP5J

INPP5J(Phosphatidylinositol 4,5-bisphosphate 5-phosphatase A) is also named as PIB5PA, PIPP and belongs to the inositol 1,4,5-trisphosphate 5-phosphatase type II family. INPP5J is a key signalling molecule that regulates dendritic outgrowth through activation of small GTPase signalling via interaction between FRMPD4 and ARHGEF7. It can control the resting membrane potential through a specific ion-channel-receptor-ligand interaction that brings about a large conformational change, analogous to neurotransmitter activation of ion channels at synapses. (PMID:22595022). This protein has 3 isoforms produced by alternative splicing.

Overview

Product Name	Anti-INPP5J Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-INPP5J Antibody catalog # A10752-3. Tested in WB, IHC, ICC, IF, IP, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IP, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q15735

Technical Details

Immunogen	E.coli-derived human INPP5J recombinant protein (Position: G779-L1004).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 Immunocytochemistry/Immunofluorescence, 1:50-400

ImmunoPrecipitation, 1:250-300
ELISA, 1:100-1000

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