10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

INPP5J / PIB5PA Antibody (N-Terminus)

Rabbit Polyclonal Antibody

Catalog # ALS10658

Specification

INPP5J / PIB5PA Antibody (N-Terminus) - Product Information

Application	**IHC**
Primary Accession	Q15735
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**107kDa KDa**

INPP5J / PIB5PA Antibody (N-Terminus) - Additional Information

Gene ID 27124

Other Names
Phosphatidylinositol 4, 5-bisphosphate 5-phosphatase A, 3.1.3.56, Inositol polyphosphate 5-phosphatase J, INPP5J, PIB5PA, PIPP

Target/Specificity
Human INPP5J / PIB5PA. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage
Long term: -70°C; Short term: +4°C

Precautions
INPP5J / PIB5PA Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

INPP5J / PIB5PA Antibody (N-Terminus) - Protein Information

Name INPP5J

Synonyms PIB5PA, PIPP

Function
Inositol 5-phosphatase, which converts inositol 1,4,5- trisphosphate to inositol 1,4-bisphosphate. Also converts phosphatidylinositol 4,5-bisphosphate to phosphatidylinositol 4- phosphate and inositol 1,3,4,5-tetrakisphosphate to inositol 1,3,4- trisphosphate in vitro. May be involved in modulation of the function of inositol and phosphatidylinositol polyphosphate-binding proteins that are present at membranes ruffles.

Cellular Location
Cytoplasm. Note=Predominantly localized to membrane ruffles.

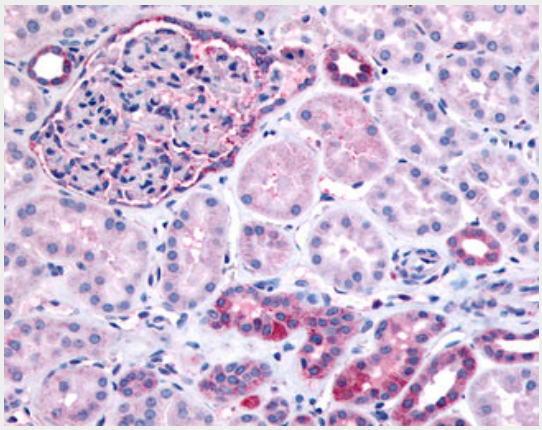
Volume
50 µl

INPP5J / PIB5PA Antibody (N-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

INPP5J / PIB5PA Antibody (N-Terminus) - Images



Anti-INPP5J / PIB5PA antibody ALS10658 IHC of human glomerulus and renal tubular epithelium in...

INPP5J / PIB5PA Antibody (N-Terminus) - Background

Inositol 5-phosphatase, which converts inositol 1,4,5- trisphosphate to inositol 1,4-bisphosphate. Also converts phosphatidylinositol 4,5-bisphosphate to phosphatidylinositol 4- phosphate and inositol 1,3,4,5-tetrakisphosphate to inositol 1,3,4-trisphosphate in vitro. May be involved in modulation of the function of inositol and phosphatidylinositol polyphosphate- binding proteins that are present at membranes ruffles (By similarity).

INPP5J / PIB5PA Antibody (N-Terminus) - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Dunham I.,et al.Nature 402:489-495(1999).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Nussbaum R.L.,et al.Submitted (JAN-1996) to the EMBL/GenBank/DDBJ databases.