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INPP5A Antibody (aa128-330)

Rabbit Polyclonal Antibody

Catalog # ALS16304

Specification

INPP5A Antibody (aa128-330) - Product Information

Application	**WB, IHC**
Primary Accession	Q14642
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**48kDa KDa**

INPP5A Antibody (aa128-330) - Additional Information

Gene ID 3632

Other Names
Type I inositol 1, 4, 5-trisphosphate 5-phosphatase, 5PTase, 3.1.3.56, INPP5A

Target/Specificity
Human INPP5A.

Reconstitution & Storage
Store at -20°C for up to one year.

Precautions
INPP5A Antibody (aa128-330) is for research use only and not for use in diagnostic or therapeutic procedures.

INPP5A Antibody (aa128-330) - Protein Information

Name INPP5A (HGNC:6076)

Function
Phosphatase that specifically hydrolyzes the 5-phosphate of inositol 1,4,5-trisphosphate to inositol 1,4-bisphosphate, and inositol 1,3,4,5-tetrasphosphate to inositol 1,3,4-trisphosphate (PubMed:8013665, PubMed:8769125, PubMed:8626616). Plays a crucial role in the survival of cerebellar Purkinje cells (By similarity).

Cellular Location
Cell membrane; Lipid-anchor {ECO:0000269|PubMed:8626616, ECO:0000305}. Cell projection, dendrite {ECO:0000250|UniProtKB:Q7TNC9}

Tissue Location
Predominantly expressed in heart, brain, and skeletal muscle (PubMed:8006039). In brain; high

level in Purkinje cells (PubMed:8013665).

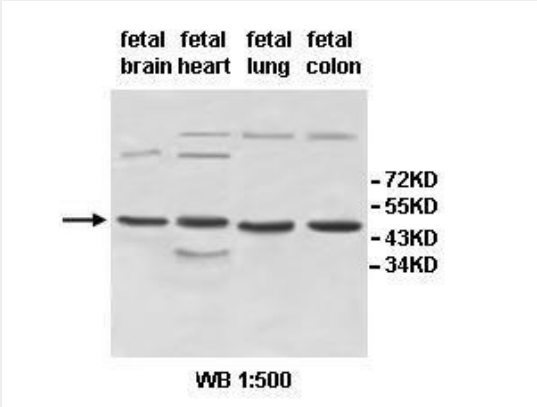
Volume
50 µl

INPP5A Antibody (aa128-330) - 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

INPP5A Antibody (aa128-330) - Images



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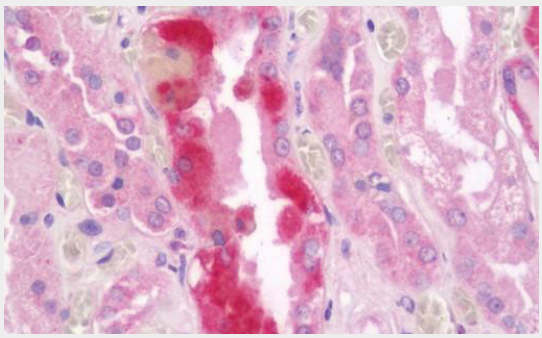

Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)

INPP5A Antibody (aa128-330) - Background

Major isoenzyme hydrolyzing the calcium-mobilizing second messenger Ins(1,4,5)P3, this is a signal-terminating reaction.

INPP5A Antibody (aa128-330) - References

de Smedt F.,et al.FEBS Lett. 347:69-72(1994).
Deloukas P.,et al.Nature 429:375-381(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Laxminarayan K.M.,et al.J. Biol. Chem. 269:17305-17310(1994).