

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).

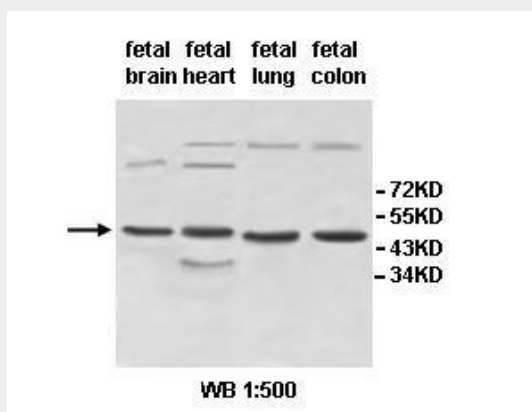
Volume

50 µl

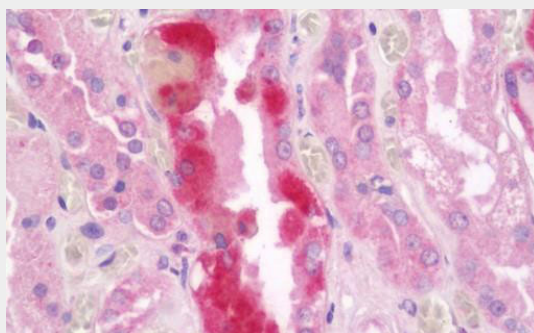
INPP5A Antibody (aa128-330) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

INPP5A Antibody (aa128-330) - Images

0



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).