


Product datasheet

Anti-INPP5A antibody ab118418

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Overview

Product name	Anti-INPP5A antibody
Description	Rabbit polyclonal to INPP5A
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Recombinant fragment, corresponding to amino acids 128-330 of Human INPP5A (BC096280).
Positive control	Human fetal brain, heart, lung, and colon lysates; Human fetal spleen tissue.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Lyophilized:Reconstitute in 200ul sterile H2O.
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituent: 1% BSA
Purity	Immunogen affinity purified
Purification notes	ab118418 is purified by a protein affinity column.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab118418 in the following tested applications.

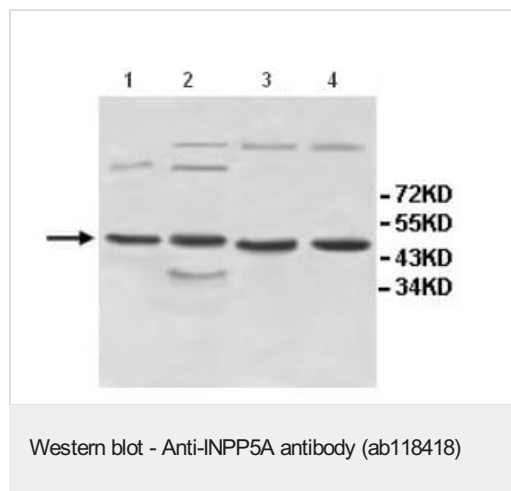
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Detects a band of approximately 48 kDa (predicted molecular weight: 48 kDa).
IHC-P		1/100 - 1/500.

Target

Function	Major isoenzyme hydrolyzing the calcium-mobilizing second messenger Ins(1,4,5)P ₃ , this is a signal-terminating reaction.
Tissue specificity	Brain; high level in Purkinje cells.
Sequence similarities	Belongs to the inositol-1,4,5-trisphosphate 5-phosphatase type I family.
Cellular localization	Membrane.

Images



All lanes : Anti-INPP5A antibody (ab118418) at 1/500 dilution

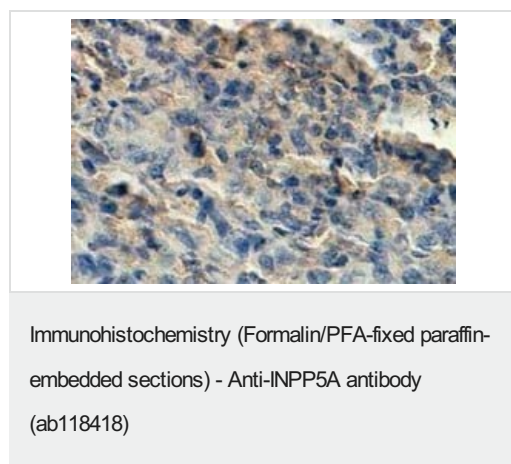
Lane 1 : Human fetal brain lysate

Lane 2 : Human fetal heart lysate

Lane 3 : Human fetal lung lysate

Lane 4 : Human fetal colon lysate

Predicted band size: 48 kDa



ab118418, at 1/100 dilution, staining INPPA5 in paraffin-embedded Human fetal spleen tissue by Immunohistochemistry.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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