

## Datasheet: AHP1368

<b>Description:</b>	RABBIT ANTI HUMAN PIB5PA (N-TERMINAL)
<b>Specificity:</b>	PIB5PA (N-TERMINAL)
<b>Other names:</b>	PHOSPHATIDYLINOSITOL 4,5-BISPHOSPHATE 5-PHOSPHATASE A
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	50 µg

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin (1)	▪			10ug/ml
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting			▪	

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

**(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.**

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	Antisera to human PIB5PA were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0mg/ml
<b>Immunogen</b>	Synthetic Peptide corresponding to the N-Terminal domain of Human PIB5PA, conjugated to keyhole limpet hemocyanin (KLH).

**External Database  
Links**

**UniProt:**

[Q15735](#)   [Related reagents](#)

**Entrez Gene:**

[27124](#)   INPP5J   [Related reagents](#)

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**Synonyms**

PIB5PA, PIPP

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**Specificity**

**Rabbit anti Human PIB5PA antibody** detects phosphatidylinositol (4,5) bisphosphate 5-phosphatase, A (PIB5PA) also known as PIPP (proline-rich inositol polyphosphate 5-phosphatase) . PIB5PA functions as a negative regulator of PI3-kinase signalling events that promote neurite elongation and survival, and is thought to regulate the level of inositol and phosphatidylinositol polyphosphates at membrane ruffles.

PIB5PA is constitutively associated with the plasma membrane, and is expressed in a number of tissues including the brain, heart, kidney, stomach, small intestine and lung.

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**Histology Positive  
Control Tissue**

Human kidney

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**Storage**

Store at +4°C or at -20°C if preferred.  
Storage in frost-free freezers is not recommended.  
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Shelf Life**

18 months from date of despatch.

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**Health And Safety  
Information**

Material Safety Datasheet documentation #10303 available at:  
10303: <https://www.bio-rad-antibodies.com/uploads/MSDS/10303.pdf>

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...)   [FITC](#)
- Sheep Anti Rabbit IgG (STAR35...)   [RPE](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
- Sheep Anti Rabbit IgG (2AB02...)   [Biotin](#)
- Sheep Anti Rabbit IgG (STAR36...)   [DyLight®488](#), [DyLight®549](#), [DyLight®649](#),  
[DyLight®680](#), [DyLight®800](#)

### Recommended Useful Reagents

- [HISTAR DETECTION SYSTEM \(STAR3000A\)](#)
- [HISTAR DETECTION SYSTEM \(STAR3000B\)](#)
- [HISTAR DETECTION SYSTEM \(STAR3000C\)](#)
- [ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)
- [ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)

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