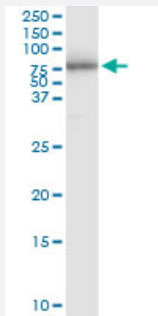


# PI4K2A (Human) IP-WB Antibody Pair

Catalog # H00055361-PW1

Size 1 Set

## Applications



Immunoprecipitation of PI4K2A transfected lysate using rabbit polyclonal anti-PI4K2A and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-PI4K2A.

## Specification

<b>Product Description</b>	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (95); Rat (94)
<b>Quality Control Testing</b>	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of PI4K2A transfected lysate using rabbit polyclonal anti-PI4K2A and Protein A Magnetic Bead ( <a href="#">U0007</a> ), and immunoblotted with mouse purified polyclonal anti-PI4K2A.
<b>Supplied Product</b>	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-PI4K2A (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-PI4K2A (50 ug)
<b>Storage Instruction</b>	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

## Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

## Gene Info — PI4K2A

**Entrez GeneID** [55361](#)

**Gene Name** PI4K2A

**Gene Alias** DKFZp761G1923, PI4KII, PIK42A, RP11-548K23.6

**Gene Description** phosphatidylinositol 4-kinase type 2 alpha

**Omim ID** [609763](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** Phosphatidylinositolpolyphosphates (PtdInsPs) are centrally involved in many biologic processes, ranging from cell growth and organization of the actin cytoskeleton to endo- and exocytosis. PI4KII phosphorylates PtdIns at the D-4 position, an essential step in the biosynthesis of PtdInsPs (Barylko et al., 2001 [PubMed 11244087]).[supplied by OMIM]

**Other Designations** OTTHUMP00000020224|phosphatidylinositol 4-kinase type II (PI4KII)

## Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)