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# SYNJ1 antibody - middle region
**Rabbit Polyclonal Antibody**
**Catalog # AI11863**

## Specification

### SYNJ1 antibody - middle region - Product Information

| | |
|---|---|
| Application | **WB** |
| Primary Accession | O43426 |
| Other Accession | NM_003895, NP_003886 |
| Reactivity | **Human, Mouse, Rat, Rabbit, Pig, Horse, Dog** |
| Predicted | **Human, Mouse, Rat, Rabbit, Pig, Horse, Dog** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Calculated MW | **173kDa KDa** |

### SYNJ1 antibody - middle region - Additional Information

**Gene ID** 8867

| | |
|---|---|
| Alias Symbol | **INPP5G** |

**Other Names**
Synaptojanin-1, 3.1.3.36, Synaptic inositol 1, 4, 5-trisphosphate 5-phosphatase 1, SYNJ1, KIAA0910

**Format**
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**
Add 50 ul of distilled water. Final anti-SYNJ1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**
SYNJ1 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

### SYNJ1 antibody - middle region - Protein Information

**Name** SYNJ1

**Synonyms** KIAA0910

**Function**
Phosphatase that acts on various phosphoinositides, including phosphatidylinositol 4-phosphate, phosphatidylinositol (4,5)- bisphosphate and phosphatidylinositol (3,4,5)-trisphosphate (PubMed:<a href="http://www.uniprot.org/citations/27435091" target="_blank">27435091</a>, PubMed:<a href="http://www.uniprot.org/citations/23804563" target="_blank">23804563</a>). Has a role in clathrin-mediated endocytosis (By similarity). Hydrolyzes PIP2 bound to actin

regulatory proteins resulting in the rearrangement of actin filaments downstream of tyrosine kinase and ASH/GRB2 (By similarity).

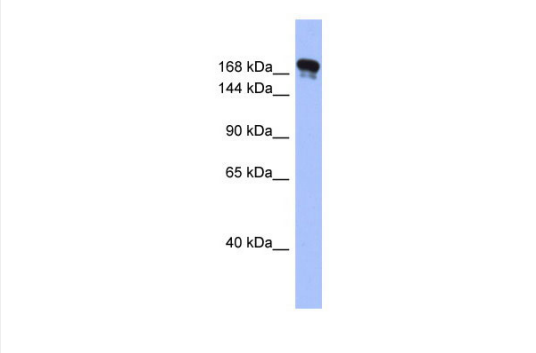
**Cellular Location**
Cytoplasm, perinuclear region {ECO:0000250|UniProtKB:O18964}

## SYNJ1 antibody - middle region - 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

## SYNJ1 antibody - middle region - Images




WB Suggested Anti-SYNJ1 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:312500
Positive Control: Human Stomach

## SYNJ1 antibody - middle region - References

Thole,J.M., (2008) Plant Cell 20 (2), 381-395 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.