

# SYNJ1 antibody - middle region

Rabbit Polyclonal Antibody Catalog # AI11863

#### **Product Information**

Application WB Primary Accession 043426

Other Accession NM 003895, NP 003886

**Reactivity**Human, Mouse, Rat, Rabbit, Pig, Dog, Horse **Predicted**Human, Mouse, Rat, Rabbit, Pig, Dog, Horse

Host Rabbit
Clonality Polyclonal
Calculated MW 173103

#### **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.

#### **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:<u>23804563</u>, PubMed:<u>27435091</u>). Has a role in clathrin-mediated endocytosis (By

similarity). Hydrolyzes PIP2 bound to actin regulatory proteins resulting in the

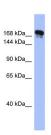
rearrangement of actin filaments downstream of tyrosine kinase and

ASH/GRB2 (By similarity).

### 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.

## **Images**



WB Suggested Anti-SYNJ1 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: Human Stomach

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.