

Datasheet for ABIN701860  
**anti-SYNPO antibody (AA 601-700)**[Go to Product page](#)

1 Image

2 Publications

## Overview

Quantity:	100 µL
Target:	SYNPO
Binding Specificity:	AA 601-700
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SYNPO antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Synaptopodin
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

## Target Details

Target:	SYNPO
Alternative Name:	Synaptopodin ( <a href="#">SYNPO Products</a> )

## Target Details

Background:	Synonyms: Synaptopodin, SYNPO, KIAA129  Background: Actin-associated protein that may play a role in modulating actin-based shape and motility of dendritic spines and renal podocyte foot processes. Seems to be essential for the formation of spine apparatuses in spines of telencephalic neurons, which is involved in synaptic plasticity (By similarity).
Gene ID:	11346
UniProt:	<a href="#">Q8N3V7</a>

## Application Details

Application Notes:	WB 1:300-5000 FCM 1:20-100 IHC-P 1:200-400
Restrictions:	For Research Use only

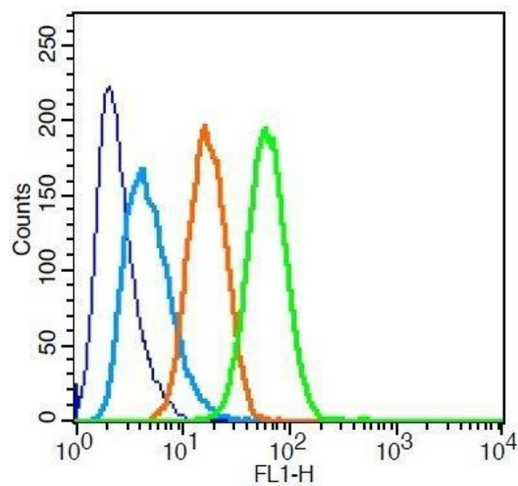
## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

## Publications

Product cited in:	Jayachandran, Lugo, Heiling, Miller, Rule, Lieske: "Extracellular vesicles in urine of women with but not without kidney stones manifest patterns similar to men: a case control study." in: <b>Biology of sex differences</b> , Vol. 6, pp. 2, (2015) ( <a href="#">PubMed</a> ).  Zhang, Qu, Sun, Caruana, Bertram, Nikolic-Paterson, Li: "Resolvin D1 protects podocytes in
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adriamycin-induced nephropathy through modulation of 14-3-3? acetylation." in: **PLoS ONE**, Vol. 8, Issue 6, pp. e67471, (2013) ([PubMed](#)).



Flow Cytometry

**Image 1.** RSC96 cells probed with Rabbit Anti-Synaptopodin Polyclonal Antibody .