

Datasheet for ABIN2559569  
**anti-SYNPO antibody (AA 601-700) (PE)**[Go to Product page](#)

## 1 Publication

## Overview

Quantity:	100 µL
Target:	SYNPO
Binding Specificity:	AA 601-700
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SYNPO antibody is conjugated to PE
Application:	Western Blotting (WB), Flow Cytometry (FACS)

## 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> )
Background:	Synonyms: Synaptopodin, SYNPO, KIAA129

## Target Details

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: [Q8N3V7](#)

## Application Details

Application Notes: FCM 1:20-100

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % 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: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to 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: **Biology of sex differences**, Vol. 6, pp. 2, (2015) ([PubMed](#)).