

# Sgo2 Polyclonal Antibody

## Description

Product type Primary Antibody

Code BT-AP08267

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human SGOL2. AA range:681-730

**Mol wt** 144739

Species reactivity Human

**Clonality** Polyclonal

Recommended application IHC-p, ELISA

Concentration 1 mg/ml

Full name Sgo2 Antibody

Synonyms SGOL2; Shugoshin-like 2; Shugoshin-2; Sgo2; Tripin

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

## Background

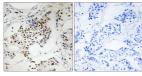
Cooperates with PPP2CA to protect centromeric cohesin from separase-mediated cleavage in oocytes specifically during meiosis I. Has a crucial role in protecting REC8 at centromeres from cleavage by separase. During meiosis, protects centromeric cohesion complexes until metaphase II/anaphase II transition, preventing premature release of meiosis-specific REC8 cohesin complexes from anaphase I centromeres. Is thus essential for an accurate gametogenesis. May act by targeting PPP2CA to centromeres, thus leading to cohesin dephosphorylation (By similarity). Essential for recruiting KIF2C to the inner centromere and for correcting defective kinetochore attachments.

## Recommended Dilution

IHC: 1: 100 - 1: 300 ELISA: 1: 10000

Not yet tested in other applications.

## **Images**



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using SGOL2 Antibody. The picture on the right is blocked with the synthesized peptide.

#### Storage

-20°C for one year