



Sgo2 Polyclonal Antibody

Cat No: HR1AP6015

For research use only

Overview

Product Name	Sgo2 Polyclonal Antibody
Source	Rabbit
Applications	IHC-p,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	kDa
GenelD?Human?	SGOL2
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	SGOL2; Shugoshin-like 2; Shugoshin-2; Sgo2; Tripin
Background	function: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 (By similarity). May act by targeting PPP2CA to centromeres, thus leading to cohesin dephosphorylation.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,sequence caution:Contaminating sequence. Potential poly-A sequence.,similarity:Belongs to the shugoshin family.,subcellular location:In HeLa cells, localizes at centromeres throughout prophase until metaphase and disappears at anaphase.,subunit:Directly interacts with PPP2CA.,