

产品名称: Sgo2 Rabbit Polyclonal Antibody
产品货号: APRab17828



产品概述 (Summary)

产品名称 (Production Name)	Sgo2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, ELISA
种属反应性 (Reactivity)	Human, Rat, Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	SGOL2
别名 (Alternative Names)	SGOL2; Shugoshin-like 2; Shugoshin-2; Sgo2; Tripin
基因 ID (Gene ID)	151246.0
蛋白 ID (SwissProt ID)	Q562F6. The antiserum was produced against synthesized peptide derived from human SGOL2. AA range: 681-730

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	

研究背景 (Background)

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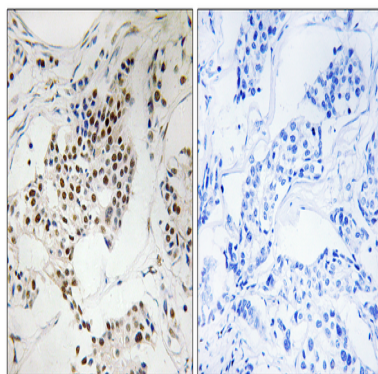


function:During meiosis, protects centromeric cohesion complexes until metaphase II/anaphase II transition, preventing premature release of meiosis-specific REC8 cohesin complexes from anaphase I centromeres. Is thus essential for an accurate gametogenesis (By similarity). May act by targeting PPP2CA 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.,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.,

研究领域 (Research Area)

Epigenetics and Nuclear Signaling; Cell cycle; Chromosome Structure; Centromere; Cell Biology; Cell Division

图片 (Image Data)



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

注意事项 (Note)

For research use only .