

Rabbit anti-Human Sgo1 Polyclonal Antibody | anti-Sgo1 antibody

Sgo1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA295788	Rabbit	Human	Immunohistochemistry, Western Blot

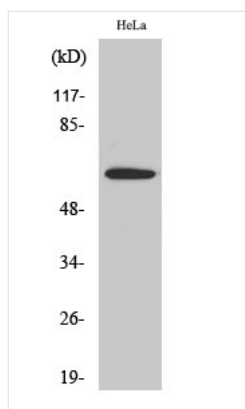
PRODUCT SYNONYMS

Sgo1; Polyclonal Antibody; Sgo1 Polyclonal Antibody; SGOL1; SGO1; Shugoshin-like 1; hSgo1; Serologically defined breast cancer antigen NY-BR-85; anti-Sgo1 antibody

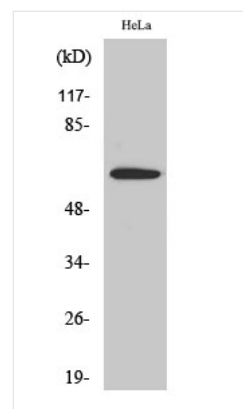
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Applicable Applications for anti-Sgo1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.


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ADDITIONAL INFORMATION

Related Product Information for anti-Sgo1 antibody

Plays a central role in chromosome cohesion during mitosis by preventing premature dissociation of cohesin complex from centromeres after prophase, when most of cohesin complex dissociates from chromosomes arms. May act by preventing phosphorylation of the STAG2 subunit of cohesin complex at the centromere, ensuring cohesin persistence at centromere until cohesin cleavage by ESPL1/separase at anaphase. Essential for proper chromosome segregation during mitosis and this function requires interaction with PPP2R1A. Its phosphorylated form is necessary for chromosome congression and for the proper attachment of spindle microtubule to the kinetochore. Necessary for kinetochore localization of PLK1 and CENPF. May play a role in the tension sensing mechanism of the spindle-assembly checkpoint by regulating PLK1 kinetochore affinity. Isoform 3 plays a role in maintaining centriole cohesion involved in controlling spindle pole integrity. Involved in centromeric enrichment of AUKRB in prometaphase.

NCBI AND UNIPROT INFORMATION

NCBI GI #	60302875
NCBI GeneID	151648
NCBI Accession #	NP_001012409.1
NCBI GenBank Nucleotide #	NM_001012409.2
UniProt Accession #	Q5FBB7; Q588H5; Q5FBB4; Q5FBB5; Q5FBB6; Q5FBB8; Q8N579; Q8WVL0; Q9BVA8; Q9H275
Molecular Weight	64,190 Da
NCBI Official Full Name	shugoshin-like 1 isoform A1
NCBI Official Synonym Full Names	shugoshin-like 1 (S. pombe)
NCBI Official Symbol	SGOL1
NCBI Official Synonym Symbols	SGO; Sgo1; NY-BR-85
NCBI Protein Information	shugoshin-like 1; hSgo1; shugoshin 1AB protein; shugoshin 1CD protein; shugoshin 1EF protein; shugoshin 1GH protein; shugoshin 1KL protein; serologically defined breast cancer antigen NY-BR-85
UniProt Protein Name	Shugoshin-like 1
UniProt Gene Name	SGOL1
UniProt Synonym Gene Names	SGO1; hSgo1
UniProt Entry Name	SGOL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/sgo1-antibody-immunohistochemistry-western-blot-elisa/295788>