

Rabbit anti-Human Haspin GSG2 Polyclonal Antibody | anti-GSG2 antibody

Haspin GSG2 Antibody (Center)

CATALOG # AAA289879	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

Haspin GSG2; Polyclonal Antibody; Haspin GSG2 Antibody (Center); Serine/threonine-protein kinase haspin; Germ cell-specific gene 2 protein; H-haspin; Haploid germ cell-specific nuclear protein kinase; GSG2; anti-GSG2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Haspin GSG2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 323~352 amino acids from the central region of human haspin.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	323-352
Sequence Length	314
Applicable Applications for anti-GSG2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)

Haspin Antibody (R330) western blot analysis in Daudi,Raji cell line lysates (35ug/lane).This demonstrates the Haspin antibody detected the Haspin protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-GSG2 antibody	Post-translational modifications of conserved N-terminal tail residues in histones regulate many aspects of chromosome activity. Mitotic phosphorylation of H3 Thr 3 occurs in prophase and dephosphorylation during anaphase. Haspin, a dual serine/threonine kinase, plays an important role in regulation of chromosome and spindle function during mitosis and meiosis via its function in phosphorylation of the threonine residue in the third position of histone 3 (Thr3).
Product Categories/Family for anti-GSG2 antibody	Crown Antibodies
References	Dai, Jun et al. Genes Dev 19:472-88 (2005). Higgins, J.M., Gene 267(1):55-69 (2001). Tanaka, H., et al., Mol. Hum. Reprod. 7(3):211-218 (2001).

NCBI AND UNIPROT INFORMATION

NCBI GI #	56790919
NCBI GeneID	83903
NCBI Accession #	NP_114171.2
NCBI GenBank Nucleotide #	NM_031965.2
UniProt Accession #	Q8TF76; Q5U5K3; Q96MN1; Q9BXS7
Molecular Weight	88495
NCBI Official Full Name	serine/threonine-protein kinase haspin
NCBI Official Synonym Full Names	germ cell associated 2 (haspin)
NCBI Official Symbol	GSG2
NCBI Official Synonym Symbols	HASPIN
NCBI Protein Information	serine/threonine-protein kinase haspin
UniProt Protein Name	Serine/threonine-protein kinase haspin
UniProt Gene Name	GSG2
UniProt Entry Name	HASP_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://stage.aaabiotech.com/polyclonal/haspin-gsg2-antibody-immunohistochemistry-western-blot-elisa/289879>