

Rabbit Claspin Polyclonal Antibody | anti-CLSPN antibody

Claspin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327195	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

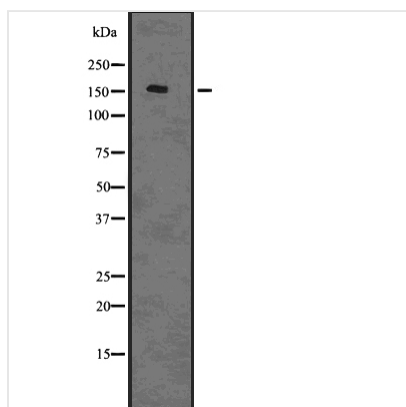
PRODUCT SYNONYMS

Claspin; Polyclonal Antibody; Claspin Antibody; claspin homolog (Xenopus laevis); Claspin homolog; CLSPN; CLSPN protein; CLSPN_HUMAN; hClaspin; Hu Claspin; anti-CLSPN antibody

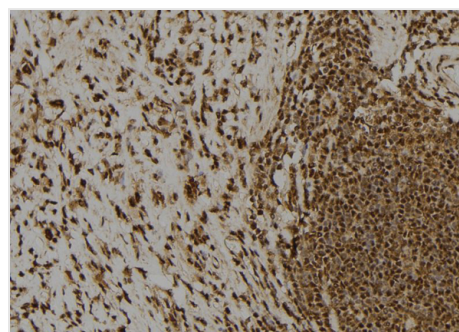
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Claspin antibody detects endogenous levels of total Claspin
Purity/Purification	Peptide affinity purification
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1275
Applicable Applications for anti-CLSPN antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Claspin, corresponding to a region within N-terminal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES


WB (Western Blot)

Western blot analysis of Claspin using HUVEC whole cell lysates


IHC (Immunohistochemistry)

AAA327195 at 1/100 staining Human gastric tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-CLSPN antibody	Function: Required for checkpoint mediated cell cycle arrest in response to inhibition of DNA replication or to DNA damage induced by both ionizing and UV irradiation. Adapter protein which binds to BRCA1 and the checkpoint kinase CHEK1 and facilitates the ATR-dependent phosphorylation of both proteins. Can also bind specifically to branched DNA structures and may associate with S-phase chromatin following formation of the pre-replication complex (pre-RC). This may indicate a role for this protein as a sensor which monitors the integrity of DNA replication forks.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	299522984
NCBI GeneID	63967
NCBI Accession #	NP_001177410.1
NCBI GenBank Nucleotide #	NM_001190481.1
UniProt Accession #	Q9HAW4; Q1RMC6; Q2KHM3; Q5VYG0; Q6P6H5; Q8IW11; A6NFL4
Molecular Weight	Observed: 150 kDa
NCBI Official Full Name	claspin isoform 2
NCBI Official Synonym Full Names	claspin
NCBI Official Symbol	CLSPN
NCBI Protein Information	claspin
UniProt Protein Name	Claspin
UniProt Gene Name	CLSPN
UniProt Synonym Gene Names	hClaspin

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/claspin-antibody-immunohistochemistry-western-blot-elisa/327195>