

Rabbit anti-Human Claspin Polyclonal Antibody | anti-CLSPN antibody

Rabbit anti-Claspin Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA210850	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

Claspin; Polyclonal Antibody; Rabbit anti-Claspin Antibody; Affinity Purified; claspin; claspin homolog; hClaspin; anti-CLSPN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CLSPN antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan, Gorilla, Chimpanzee
Immunogen	Between 725 and 775
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human Claspin by western blot. Samples: Whole cell lysate (50 ug) from HeLa cells. Antibodies: Affinity purified rabbit anti-Claspin antibody AAA210850 (lot AAA210850-4) used for WB at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human Claspin by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-Claspin antibody AAA210850 (lot AAA210850-4) used for IP at 6 ug/mg lysate. For blotting immunoprecipitated Claspin, AAA210850 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IHC (Immunohistochemistry)

Detection of human Claspin by immunohistochemistry. Sample: FFPE section of human lung carcinoma. Antibody: Affinity purified rabbit anti-Claspin (Cat. No. AAA210850 Lot4) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-CLSPN antibody	Claspin is a checkpoint protein that interacts with and regulates checkpoint kinase 1 (Chk1) in response to replication stress. The interaction between claspin and Chk1 has been demonstrated to be required for ATR-dependent Chk1 activation. The interaction involves the phosphorylation of claspin that may be accomplished by Chk1 kinase activity. Claspin has been found to localize to chromatin in both the presence and absence of damaged DNA and to associate with PCNA, as an essential component of the DNA replication machinery. This association with the replication machinery may indicate a role for claspin in linking replication to DNA damage signaling and Chk1 activation.
Product Categories/Family for anti-CLSPN antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	63967
UniProt Accession #	Q9HAW4
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/claspin-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/210850>