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Datasheet for ABIN7452879
anti-Claspin antibody (AA 450-500)

Overview

Quantity:	100 µg
Target:	Claspin (CLSPN)
Binding Specificity:	AA 450-500
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Claspin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit anti-Claspin Antibody, Affinity Purified
Immunogen:	between AA 450 and 500
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	Claspin (CLSPN)
Alternative Name:	Claspin (CLSPN Products)
Background:	Background: 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

Target Details

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.

Gene ID: 63967

UniProt: [Q9HAW4](#)

Application Details

Application Notes: IP: Not recommended. Use rabbit anti-Claspin antibody or ABIN7449673.
WB: 1:1,000 - 1:5,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months