

Datasheet for ABIN7112861 **anti-Claspin antibody**

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Overview

Quantity:	100 µg
Target:	Claspin (CLSPN)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Claspin antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	claspin homolog(Xenopus laevis)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

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

Target Details

	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.
Molecular Weight:	240 kDa
Gene ID:	63967
UniProt:	Q9HAW4

Application Details

Application Notes:	WB: 1:200-1:1000, IP: 1:500-1:2000, IF: 1:20-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months