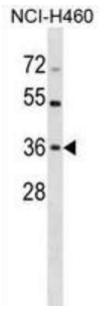
Checkpoint Protein HUS1 (HUS1) Antibody

Catalogue No.:abx029155



The protein encoded by this gene is a component of an evolutionarily conserved, genotoxin-activated checkpoint complex that is involved in the cell cycle arrest in response to DNA damage. This protein forms a heterotrimeric complex with checkpoint proteins RAD9 and RAD1. In response to DNA damage, the trimeric complex interacts with another protein complex consisting of checkpoint protein RAD17 and four small subunits of the replication factor C (RFC), which loads the combined complex onto the chromatin. The DNA damage induced chromatin binding has been shown to depend on the activation of the checkpoint kinase ATM, and is thought to be an early checkpoint signaling event. [provided by RefSeq].

Target:	Checkpoint Protein HUS1 (HUS1)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 199-226 amino acids from the C-terminal region of human HUS1.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O60921 (UniProt, ExPASy)

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Gene Symbol:	HUS1
KEGG:	hsa:3364
String:	9606.ENSP00000258774
Molecular Weight:	Calculated MW: 31.7 kDa
Buffer:	PBS containing 0.09% sodium azide.
Note:	This product is for research use only.

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