

HUS1 antibody

Product Information

Catalog No.:	FNab04082
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

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. Alternative splicing results in multiple transcript variants.

Immunogen information

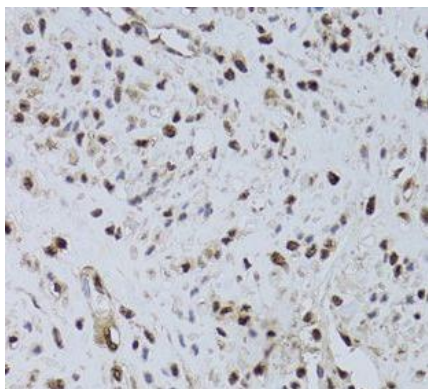
Immunogen:	HUS1 checkpoint homolog (S. pombe)
Synonyms:	Checkpoint protein HUS1 (hHUS1) HUS1
Observed MW:	32 kDa
Uniprot ID :	O60921

Application

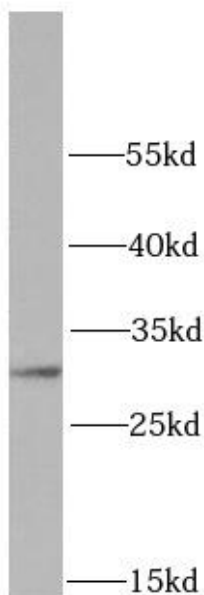
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, IHC, WB

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded human uterine cancer using FNab04082(HUS1 antibody) at dilution of 1:50



BxPC-3 cells were subjected to SDS PAGE followed by western blot with FNab04082(HUS1 antibody) at dilution of 1:0