HUS1 polyclonal antibody

Catalog: BS71950 Host: Rabbit Reactivity: Human, Mouse

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.

Product:

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

Molecular Weight:

35kDa

Swiss-Prot:

O60921

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB 1:500 - 1:2000

IF 1:50 - 1:100

IP 1:50 - 1:200

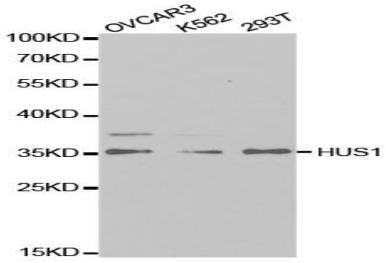
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

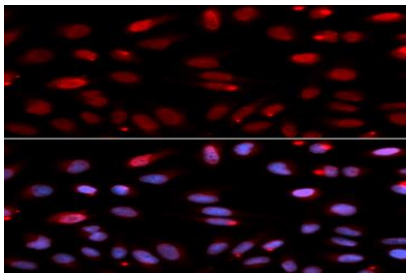
Specificity:

HUS1 polyclonal antibody detects endogenous levels of HUS1 protein.

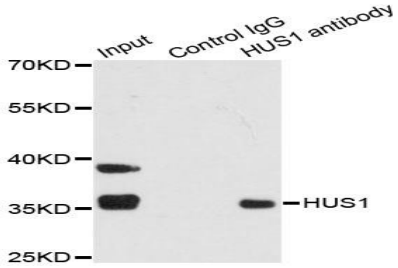
DATA:



Western blot analysis of extracts of various cell lines, using HUS1 antibody at 1:1000 dilution.



Immunofluorescence analysis of U20S cell using HUS1 antibody. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200ug extracts of 293T cells using 1ug HUS1 antibody at a dilition of 1:1000.

Note:

For research use only, not for use in diagnostic procedure.

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