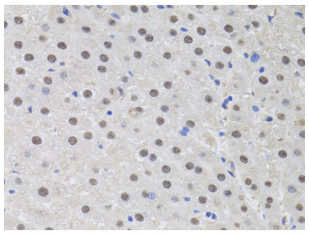
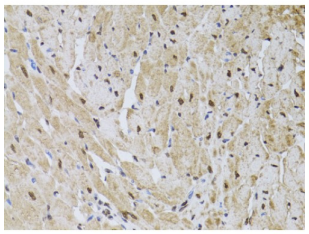
Checkpoint Protein HUS1 (HUS1) Antibody

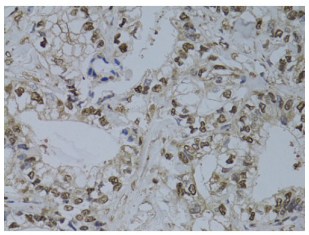
Catalogue No.:abx004142



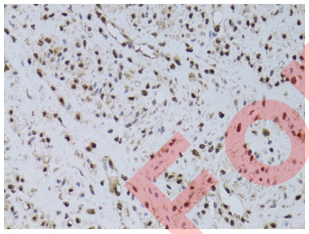
Immunohistochemistry of paraffin-embedded Rat liver using HUS1 Antibody (1/100 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Rat heart using HUS1 Antibody (1/100 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Human gastric cancer using HUS1 Antibody (1/100 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Human uterine cancer using HUS1 Antibody (1/100 dilution, 40x lens).

HUS1 Antibody is a Rabbit Polyclonal antibody against HUS1. 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.

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Datasheet

Version: 5.0.0
Revision date: 27 Jul 2025

Target:	Checkpoint Protein HUS1 (HUS1)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	IHC
Host:	Rabbit
Recommended dilutions:	IHC-P: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human HUS1
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O60921 (UniProt, ExPASy)
Gene Symbol:	HUS1
GeneID:	3364
NCBI Accession:	NP_004498.1
KEGG:	hsa:3364
String:	9606.ENSP00000258774
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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