

Rabbit HUS1 Polyclonal Antibody | anti-HUS1 antibody

HUS1 Polyclonal Antibody

CATALOG # AAA281170	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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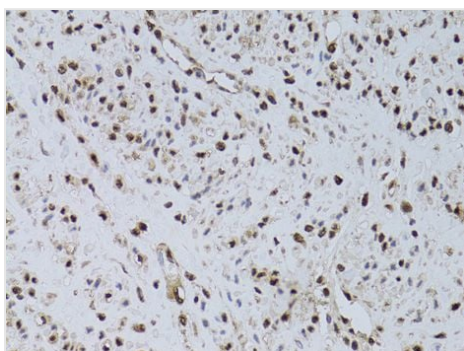
PRODUCT SYNONYMS

HUS1; Polyclonal Antibody; HUS1 Polyclonal Antibody; hHUS1; anti-HUS1 antibody

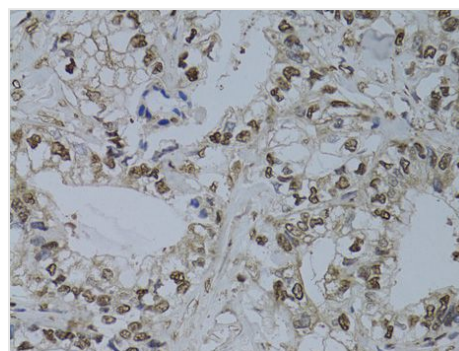
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	MKFRKIVDG ACLNHFTRIS NMIACLAKTC TLRISPDKLN FILCDKLANG GVSMWCELEQ ENFFNEFQME GVSAENNEIY LETSENLSR ALKTAQNARA LKIKLTNKH F PCLTVSVELL SMSSSSRIVT HDPIKVIPR KLWKDLQEPV VPDPDVSIYL PVLKTMKSVV EKMKNISNHL VIEANLDGEL NLKIETELVC VTTHFKDLGN PPLASESTHE DRNVEHMAEV HIDIRKLLQF LAGQQVNPTK ALCNI
Sequence Length	280
Applicable Applications for anti-HUS1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human HUS1
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cytoplasm, Nucleus
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

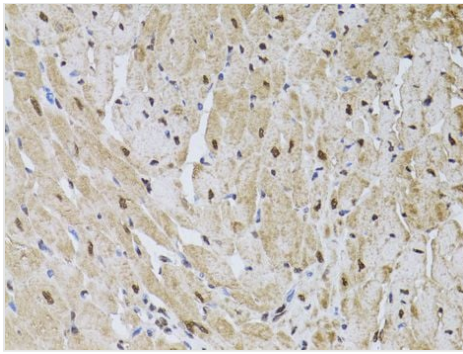
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human uterine cancer using HUS1 antibody at dilution of 1:100 (40x lens).

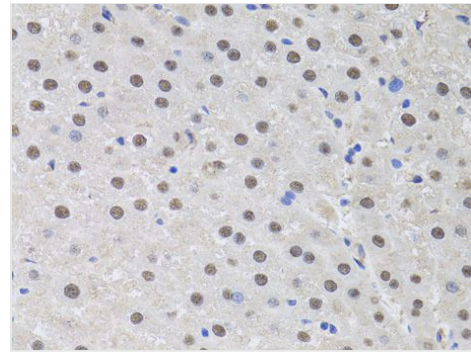

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human gastric cancer using HUS1 antibody at dilution of 1:100 (40x lens).



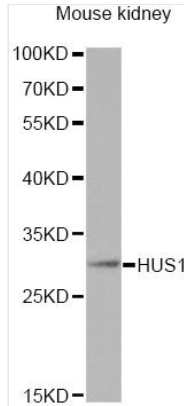
IHC (Immunohistochemistry)

Immunohistochemistry of paraaffin-embedded rat heart using HUS1 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraaffin-embedded rat liver using HUS1 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of mouse kidney, using HUS1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-HUS1 antibody

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 Categories/Family for anti-HUS1 antibody

[Polyclonal Antibodies](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758576
NCBI GeneID	3364
NCBI Accession #	NP_004498.1
NCBI GenBank Nucleotide #	NM_004507.3
UniProt Accession #	O60921 ; B4DFI9
Molecular Weight	Calculated: 29kDa; 31kDa Observed: 32kDa
NCBI Official Full Name	checkpoint protein HUS1

NCBI Official Synonym Full Names	HUS1 checkpoint clamp component
NCBI Official Symbol	HUS1
NCBI Official Synonym Symbols	hHUS1
NCBI Protein Information	checkpoint protein HUS1
UniProt Protein Name	Checkpoint protein HUS1
UniProt Gene Name	HUS1
UniProt Synonym Gene Names	hHUS1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hus1-antibody-immunohistochemistry-western-blot-elisa/281170>