

Rabbit anti-Human Checkpoint protein HUS1 Polyclonal Antibody | anti-HUS1 antibody

Rabbit anti-human Checkpoint protein HUS1 polyclonal Antibody

CATALOG # AAA118058	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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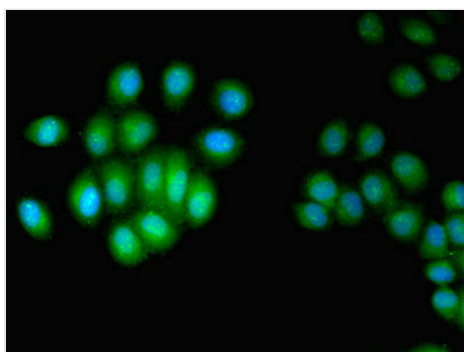
PRODUCT SYNONYMS

Checkpoint protein HUS1; Polyclonal Antibody; Rabbit anti-human Checkpoint protein HUS1 polyclonal Antibody; anti-HUS1 antibody

PRODUCT SPECIFICATIONS

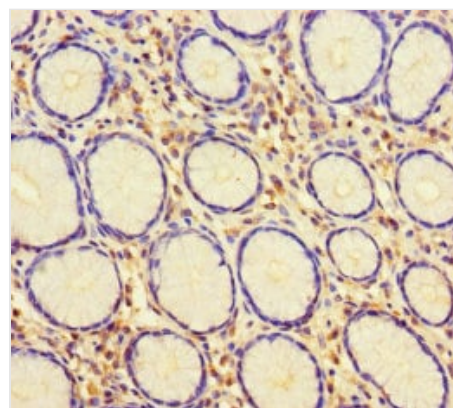
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	280
Applicable Applications for anti-HUS1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human Checkpoint protein HUS1 protein
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-30543 / sc-8323
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



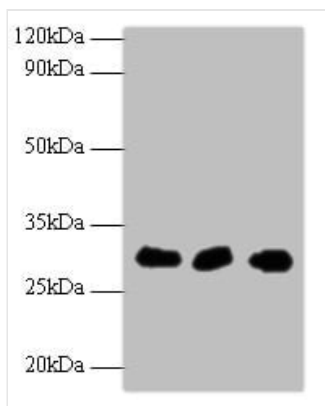
IHC (Immunohistochemisry)

Immunofluorescent analysis of A549 cells using AAA118058 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human gastric cancer using AAA118058 at dilution of 1:100



WB (Western Blot)

Western blotAll lanes: Checkpoint protein HUS1 antibody at 2ug/mlLane 1:Hela whole cell lysateLane 2:293T whole cell lysateLane 2:A431 whole cell lysateSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 32,30 kDaObserved band size: 32 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-HUS1 antibody

Component of the 9-1-1 cell-cycle checkpoint response complex that plays a major role in DNA repair. The 9-1-1 complex is recruited to DNA lesion upon damage by the RAD17-replication factor C (RFC) clamp loader complex. Acts then as a sliding clamp platform on DNA for several proteins involved in long-patch base excision repair (LP-BER). The 9-1-1 complex stimulates DNA polymerase beta (POLB) activity by increasing its affinity for the 3'-OH end of the primer-template and stabilizes POLB to those sites where LP-BER proceeds; endonuclease FEN1 cleavage activity on substrates with double, nick, or gap flaps of distinct sequences and lengths; and DNA ligase I (LIG1) on long-patch base excision repair substrates. The 9-1-1 complex is necessary for the recruitment of RHNO1 to sites of double-stranded breaks (DSB) occurring during the S phase.

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	29,287 Da
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
UniProt Entry Name	HUS1_HUMAN

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.

