Rabbit anti-Human, Mouse HUS1 Polyclonal Antibody | anti-HUS1 antibody

HUS1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA175382	**Rabbit**	**Human, Mouse**	**ELISA, Immunohistochemistry**

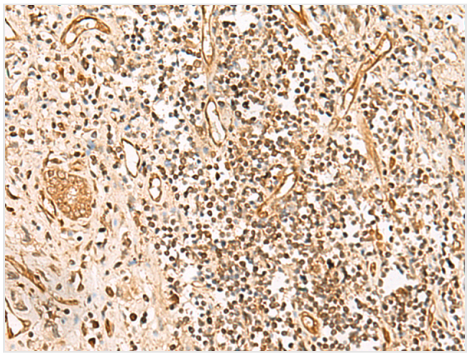
PRODUCT SYNONYMS

HUS1; Polyclonal Antibody; HUS1 Polyclonal Antibody; Checkpoint protein HUS1; HHUS1; HUS1 (S. pombe) checkpoint homolog; Hus1; HUS1 checkpoint homolog (S. pombe); HUS1 Checkpoint Protein; HUS1 protein; HUS1+ - like protein; Hydroxyurea-sensitive 1; S. pombe; homolog of; anti-HUS1 antibody

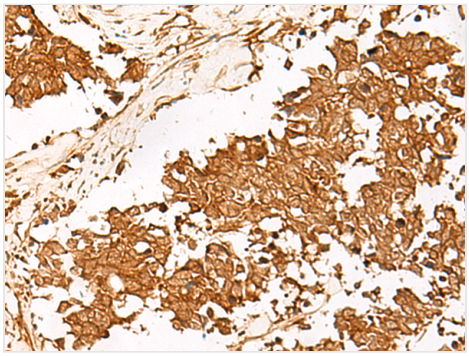
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	1.14mg/mL (varies by lot)
Sequence Length	280
Applicable Applications for anti-HUS1 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Fusion protein of human HUS1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human prost ate cancer tissue using HUS1 Polyclonal Antibody at dilution of 1:65(×200



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human lung cancer tissue using HUS1 Polyclonal Antibody at dilution of 1:65(×200

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	Cancer; Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758576
NCBI GeneID	3364
NCBI Accession #	NP_004498.1; BC007013
NCBI GenBank Nucleotide #	NP_004498.1
UniProt Accession #	O60921
NCBI Official Full Name	checkpoint protein HUS1 isoform 1
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.

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