Anti-HUS1 antibody

Cat. No.	ml125393
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-HUS1 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Fusion protein of human HUS1
Reactivity	Human, Mouse
Content	0.78 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	HUS1
Full name	HUS1 checkpoint clamp component
Synonyms	hHUS1
Swissprot	O60921

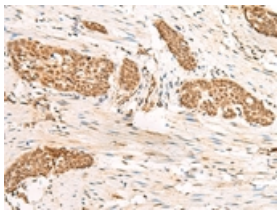
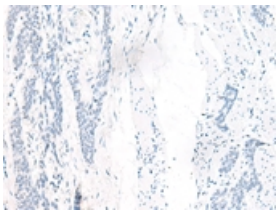
Target Background

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.

Applications

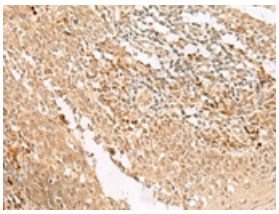
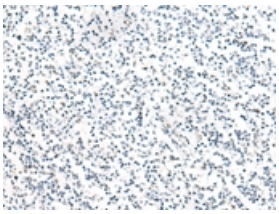
Immunohistochemistry

Predicted cell location: Nucleus and Cytoplasm
Positive control: Human esophagus cancer
Recommended dilution: 40-200

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml125393(HUS1 Antibody) at dilution 1/45, on the right is treated with fusion protein. (Original magnification: ×200)

Predicted cell location: Nucleus and Cytoplasm
Positive control: Human tonsil
Recommended dilution: 40-200

The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ml125393(HUS1 Antibody) at dilution 1/45, on the right is treated with fusion protein. (Original magnification: ×200)

ELISA

Recommended dilution: 5000-10000

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