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Datasheet for ABIN2774030

anti-HUS1B antibody (N-Term)

1 Image

Overview

Quantity:	100 µL
Target:	HUS1B
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HUS1B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human HUS1B
Sequence:	ELFIHVSGTV ARLAKVCVLR VRPDSLFCGP AGSGGLHEAR LWCEVRQGAF
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against HUS1B. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	HUS1B
Alternative Name:	HUS1B (HUS1B Products)

Target Details

Background: HUS1B is most closely related to HUS1, a component of a cell cycle checkpoint protein complex involved in cell cycle arrest in response to DNA damage. HUS1B can interact with the checkpoint protein RAD1 but not with RAD9. Overexpression of HUS1B has been shown to induce cell death, which suggests a related but distinct role of this protein, as compared to the HUS1. The protein encoded by this gene is most closely related to HUS1, a component of a cell cycle checkpoint protein complex involved in cell cycle arrest in response to DNA damage. This protein can interact with the checkpoint protein RAD1 but not with RAD9. Overexpression of this protein has been shown to induce cell death, which suggests a related but distinct role of this protein, as compared to the HUS1.

Alias Symbols: MGC126746, MGC126748, RP11-532F6.1

Protein Interaction Partner: RAD9B, RAD9A, HUS1, RAD1,

Protein Size: 278

Molecular Weight: 31 kDa

Gene ID: 135458

NCBI Accession: [NM_148959](#), [NP_683762](#)

UniProt: [Q8NHY5](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 278 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

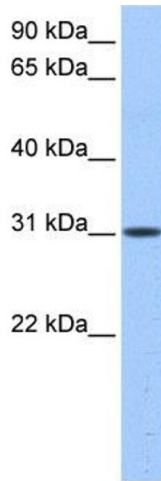
Handling Advice: Avoid repeated freeze-thaw cycles.

Handling

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-HUS1B Antibody Titration:

0.2-1 ug/ml

Positive Control: Human Liver