

Datasheet for ABIN129605
anti-HUS1B antibody (AA 104-117)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	HUS1B
Binding Specificity:	AA 104-117
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HUS1B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to amino acids 104-117 of human Hus1B protein.
Isotype:	IgG
Cross-Reactivity:	Mouse (Murine), Rat (Rattus)
Characteristics:	Concentration Definition: by UV absorbance at 280 nm

Target Details

Target:	HUS1B
Alternative Name:	Hus1B (HUS1B Products)

Target Details

Background:	<p>The protein encoded by the Hus1B 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. Over expression of this protein has been shown to induce cell death, which suggests a related but distinct role of this protein, as compared to HUS1. Hus1B is expressed strongly in testis, less in spleen, thymus, prostate, colon and leukocytes.</p> <p>Synonyms: Checkpoint protein HUS1B hHUS1B</p>
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Gene ID:	135458, 31077215
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UniProt:	Q8NHY5
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Application Details

Application Notes:	<p>This affinity-purified antibody has been tested for use in ELISA and western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 38 kDa in size corresponding to Hus1B protein by western blotting in the appropriate cell lysate or extract.</p>
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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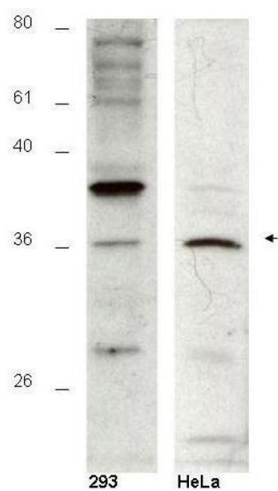
Concentration:	1.75 mg/mL
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Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
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Preservative:	Sodium azide
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Precaution of Use:	<p>This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.</p>
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Storage:	-20 °C
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Western Blotting

Image 1. Western blot using affinity purified anti-Hus1B antibody shows detection of a 36kDa band corresponding to Hus1B in a HeLa cell lysate (arrowhead). The staining pattern in 293 cells is less clear, showing a predominant band at 39 kDa. Personal Communication, A-Lien Lu-Chang, U. Maryland, Baltimore, MD