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Datasheet for ABIN7155481

anti-SUV420H1 antibody (AA 100-150)

1 Image

Overview

Quantity:	100 µg
Target:	SUV420H1
Binding Specificity:	AA 100-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SUV420H1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant Human Histone-lysine N-methyltransferase KMT5B protein (100-150AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SUV420H1
Alternative Name:	KMT5B (SUV420H1 Products)
Background:	Background: Histone methyltransferase that specifically trimethylates 'Lys-20' of histone H4. H4 'Lys-20' trimethylation represents a specific tag for epigenetic transcriptional repression.

Target Details

Mainly functions in pericentric heterochromatin regions, thereby playing a central role in the establishment of constitutive heterochromatin in these regions. KMT5B is targeted to histone H3 via its interaction with RB1 family proteins (RB1, RBL1 and RBL2) (By similarity). Plays a role in myogenesis by regulating the expression of target genes, such as EID3.

Aliases: CGI 85 antibody, CGI85 antibody, Histone-lysine N-methyltransferase KMT5B antibody, Kmt5b antibody, KMT5B_HUMAN antibody, Lysine N-methyltransferase 5B antibody, Lysine-specific methyltransferase 5B antibody, MGC118906 antibody, MGC118909 antibody, MGC21161 antibody, MGC703 antibody, Su(var)4-20 homolog 1 antibody, Suppressor of variegation 4 20 homolog 1 antibody, Suppressor of variegation 4-20 homolog 1 antibody, Suv4-20h1 antibody

UniProt: [Q4FZB7](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000,

Restrictions: For Research Use only

Handling

Format: Liquid

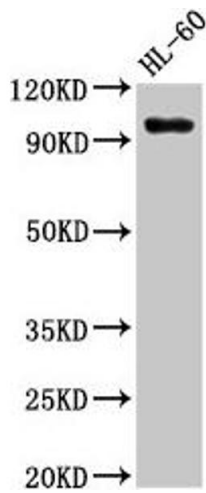
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western Blot Positive WB detected in: HL60 whole cell lysate All lanes: KMT5B antibody at 3 μ g/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 100, 45, 32 kDa Observed band size: 100 kDa