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Datasheet for ABIN7155494

anti-SUV420H2/KMT5C antibody (AA 235-345) (HRP)

Overview

Quantity:	100 µL
Target:	SUV420H2/KMT5C (SUV420H2)
Binding Specificity:	AA 235-345
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SUV420H2/KMT5C antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Histone-lysine N-methyltransferase KMT5C protein (235-345aa)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SUV420H2/KMT5C (SUV420H2)
Alternative Name:	KMT5C (SUV420H2 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. KMT5C is targeted to histone H3 via its interaction with RB1 family proteins (RB1, RBL1 and RBL2) (By similarity).

Aliases: Histone-lysine N-methyltransferase KMT5C (EC 2.1.1.43) (Lysine N-methyltransferase 5C) (Lysine-specific methyltransferase 5C) (Suppressor of variegation 4-20 homolog 2) (Su(var)4-20 homolog 2) (Suv4-20h2), KMT5C, SUV420H2

UniProt: [Q86Y97](#)

Application Details

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

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.