DATASHEET

DOT1L Rabbit Polyclonal Antibody

CAT. NO. APA14697

KEY FEATURES

Target	DOT1L	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Histone methyltransferase that methylates 'Lys-79' of histone H3 . Nucleosomes are preferred as substrate compared to free histones . Binds to DNA .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to DOT1L
Specificity	Recognizes endogenous levels of DOT1L protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human DOT1L
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 164; Observed: 164 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	KIAA1814; KMT4; Histone-lysine N-methyltransferase, H3 lysine-79 specific; DOT1-like protein; Histone H3-K79 methyltransferase; H3-K79-HMTase; Lysine N-methyltransferase 4
Gene Symbol	DOT1L
Entrez Gene	84444(Human)
SwissProt	Q8TEK3(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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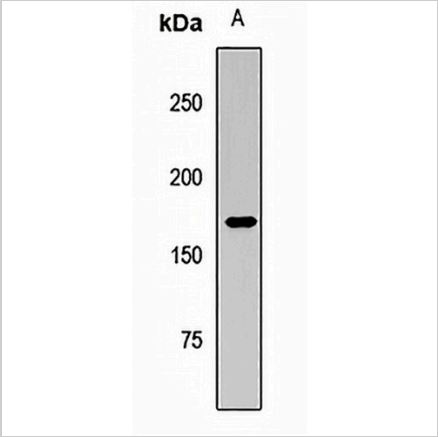
DATA



Western blot analysis of DOT1L expression in Hela (A) whole cell lysates. (Predicted band size: 164; 184 kD; Observed band size: 164 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.