



Anti-DOT1L polyclonal antibody (DPAB-DC899)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	DOT1L (DOT1-like histone H3K79 methyltransferase) is a protein-coding gene. Diseases associated with DOT1L include osteoarthritis, and hepatocellular carcinoma. GO annotations related to this gene include transcription factor binding and histone-lysine N-methyltransferase activity.
Specificity	Specific to recombinant protein GX1988. This antibody detects mDOT1L protein.
Immunogen	Recombinant GST fusion protein corresponding to 301 amino acids of mouse Dot1l.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Conjugate	Unconjugated
Applications	WB,
Format	Liquid
Size	50 µg
Buffer	In PBS (50% glycerol, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Dot1l DOT1-like, histone H3 methyltransferase (S. cerevisiae) [Mus musculus (house mouse)]
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Official Symbol	DOT1L
Synonyms	DOT1L; DOT1-like, histone H3 methyltransferase (<i>S. cerevisiae</i>); Dot1; KMT4; mDot1; AW907654; A630076O07; histone-lysine N-methyltransferase, H3 lysine-79 specific; histone methyltransferase DOT1L; histone H3 methyltransferase DOT1; DOT1-like histone H3 methyltransferase;
Entrez Gene ID	208266
Protein Refseq	NP_955354
UniProt ID	Q6XZL8
Chromosome Location	10 C1; 10
Pathway	Lysine degradation; Transcriptional misregulation in cancer;
Function	histone methyltransferase activity; histone-lysine N-methyltransferase activity; methyltransferase activity; transcription factor binding
