



Anti-RNMT polyclonal antibody (DPAB-DC2985)

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

PRODUCT INFORMATION

Antigen Description	RNMT (RNA (guanine-7-) methyltransferase) is a protein-coding gene. Diseases associated with RNMT include bowen-conradi syndrome, and dubowitz syndrome, and among its related super-pathways are Processing of Capped Intron-Containing Pre-mRNA and RNA Pol II CTD phosphorylation and interaction with CE. GO annotations related to this gene include RNA binding and mRNA (guanine-N7-)methyltransferase activity.
Specificity	Specific to recombinant protein GX0826. This antibody detects mRNMT protein. It also recognizes human RNMT protein.
Immunogen	Recombinant GST fusion protein corresponding to 150 mouse Rnmt. The sequence is RLEASETEFGNEIYTVKFQKKGNYPLFGCKYDFNLEGVVVDPEFLVYFPLLTEMAKKYN MKLIYKKTFLEFYEEKIKNNENKMLLKRMRQALEQYPAHENSKLASEKVGDYTHAAEYLKK SQVRLPLGTLISKSEWEATSIYLVFAFEKQQ
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Conjugate	Unconjugated
Applications	WB, IHC Recommended dilution WB 1:500 - 1:2000 IHC 1:100 - 1:200
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	Rnmt RNA (guanine-7-) methyltransferase [Mus musculus (house mouse)]
Official Symbol	RNMT
Synonyms	RNMT; RNA (guanine-7-) methyltransferase; Rg7mt1; AI848273; mKIAA0398; 2610002P10Rik; mRNA cap guanine-N7 methyltransferase; mRNA cap methyltransferase; mRNA (guanine-N(7)-)methyltransferase;
Entrez Gene ID	67897
Protein Refseq	NP_001164424
UniProt ID	Q9D0L8
Chromosome Location	18; 18 E1
Pathway	Gene Expression; RNA Polymerase II Transcription; mRNA processing;
Function	RNA binding; mRNA (guanine-N7)-methyltransferase activity; methyltransferase activity; transferase activity