

CABP0021

Product Information

Product SKU:	CABP0021	Gene ID:	1786	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	Refer to Figures	Conjugate:	Unconjugated
Calculated MW:	183kDa	Isotype:	IgG

Immunogen Information

Background:	This gene encodes an enzyme that transfers methyl groups to cytosine nucleotides of genomic DNA. This protein is the major enzyme responsible for maintaining methylation patterns following DNA replication and shows a preference for hemi-methylated DNA. Methylation of DNA is an important component of mammalian epigenetic gene regulation. Aberrant methylation patterns are found in human tumors and associated with developmental abnormalities. Variation in this gene has been associated with cerebellar ataxia, deafness, and narcolepsy, and neuropathy, hereditary sensory, type IE. Alternative splicing results in multiple transcript variants.
Recommended Dilution:	WB, 1:500 - 1:2000 IF/ICC, 1:50 - 1:200
Synonyms:	AIM; DNMT; MCMT; CXXC9; HSN1E; ADCADN; m.HsaI; Phospho-DNMT1-S714
Purification Method:	Affinity purification
Immunogen:	A synthetic phosphorylated peptide around S714 of human DNMT1 (NP_001370.1).
Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.