Dnmt3b Rabbit pAb

db1483 **Package : 20μL 50μL 100μL**

Product Name : Dnmt3b Rabbit pAb
Cat.No.: db1483
Synonyms : ICF; ICF1; M.HsaIIIB
Application : WB, ICC/IF
Reactivity : Human, Mouse, Rat
Host species : Rabbit

Background	CpG methylation is an epigenetic modification that is important for embryonic development, imprinting, and X-chromosome inactivation. Studies in mice have demonstrated that DNA methylation is required for mammalian development. This gene encodes a DNA methyltransferase which is thought to function in de novo methylation, rather than maintenance methylation. The protein localizes primarily to the nucleus and its expression is developmentally regulated. Mutations in this gene cause the immunodeficiency-centromeric instability-facial anomalies (ICF) syndrome. Eight alternatively spliced transcript variants have been described. The full length sequences of variants 4 and 5 have not been determined. [provided by RefSeq, May 2011]
Immunogen	A synthetic peptide of human Dnmt3b
Gene ID	1789
Swiss Prot	Q9UBC3
Synonyms	ICF; ICF1; M.HsaIIIB
Reactivity	Human, Mouse, Rat
Application	WB, ICC/IF
Recommended dilution	WB: 1:1000-1:2000 ICC/IF: 1:20-1:50
Calculated MW	96 kDa
Observed MW	96 kDa
Host species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity	Affinity Purification

Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.