



Dnmt3b Rabbit pAb

db1483 Package: 20µL 50µL 100µL

Product Name: Dnmt3b Rabbit pAb

Cat.No.: db1483

Synonyms: ICF; ICF1; M.HsallIB

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 methylatransferase 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.HsalliB

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



For Research Use Only **Product Datasheet**

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.