



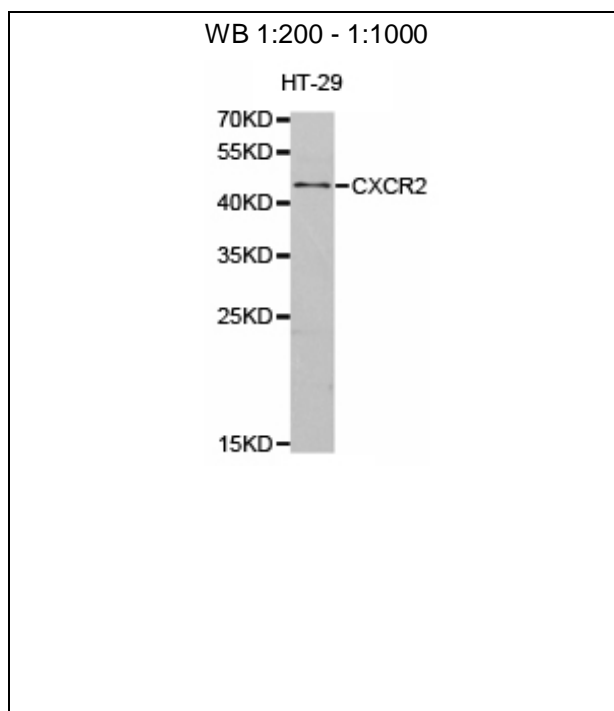
DNMT3B Polyclonal Antibody

E92899**Catalog Number:** E92899**Amount:** 100ul

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]

Species: Rabbit**Isotype:** IgG

Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonyms: ICF; ICF1; M.HsaIIIB;**Immunogen:** A synthetic peptide of human DNMT3B**Purification:** Affinity purification**Reactivity:** H M R**Applications:** WB**Molecular Weight:** 96kDa**Swiss-Prot No. :** Q9UBC3**Gene ID:** 1789**For Research Use Only**

Western blot analysis of extracts of A549 cellline, using DNMT3B antibody.

For Research Use Only