

Datasheet for ABIN6287502 **anti-DNMT3B antibody (N-Term)**



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Overview

Quantity:	50 µL
Target:	DNMT3B
Binding Specificity:	AA 1-80, N-Term
Reactivity:	Human, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNMT3B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Dnmt3b is a protein encoded by the DNMT3B gene which is approximately 95,7 kDa. Dnmt3b is localised to the nucleus. It is involved in the mesodermal commitment pathway and sulfur amino acid metabolism. It is a methyltransferase which is thought to function in genome-wide de novo methylation and is essential for the establishment of DNA methylation patterns during development. DNA methylation is coordinated with methylation of histones. Dnmt3b is expressed ubiquitously with the highest expression in foetal liver, heart, kidney and placenta. Mutations in the DNMT3B gene may result in immunodeficiency-centromeric. STJ92753 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This polyclonal antibody detects endogenous levels of Dnmt3b protein.
Immunogen:	Synthesized peptide derived from human Dnmt3b
Isotype:	IgG

Product Details

Specificity:	Dnmt3b Polyclonal Antibody detects endogenous levels of Dnmt3b protein.
Characteristics:	Rabbit polyclonal to Dnmt3b.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	DNMT3B
Alternative Name:	Dnmt3b (DNMT3B Products)
Molecular Weight:	96 kDa
Gene ID:	1789
UniProt:	Q9UBC3

Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:20000
Comment:	Ubiquitous, highly expressed in fetal liver, heart, kidney, placenta, and at lower levels in spleen, colon, brain, liver, small intestine, lung, peripheral blood mononuclear cells, and skeletal muscle. Isoform 1 is expressed in all tissues except brain, skeletal muscle and PBMC, 3 is ubiquitous, 4 is expressed in all tissues except brain, skeletal muscle, lung and prostate and 5 is detectable only in testis and at very low level in brain and prostate.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C, and avoid repeat freeze-thaw cycles.