

Anti-DNMT1 antibody (1417-1616) (STJ11104314)

ST.I11104314

GENERAL INFORMATION

Product Type Primary antibodies

Short

Description

Applications WB/IF/ICC/IP/ELISA/ChIP

Host/Source Rabbit Reactivity Human

PRODUCT PROPERTIES

Clonality Polyclonal

Clone ID

Concentration Lot specific
Conjugation Unconjugated
Purification Affinity purification
Dilution WB:1:500-1:2000
Range IF/ICC:1:50-1:200

IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells

ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay

requirements

Formulation PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.

Isotype IgG

Storage Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

Instruction

TARGET INFORMATION

Gene ID 1786 Gene Symbol DNMT1

Uniprot ID DNMT1_HUMAN Immunogen 1417-1616

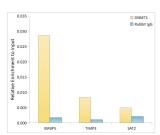
Region

Specificity Recombinant fusion protein containing a sequence corresponding to amino acids 1417-1616 of human DNMT1 (NP_001370.1).

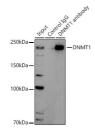
Immunogen MSALVAARMRHIPLAPGSDW RDLPNIEVRLSDGTMARKLR YTHHDRKNGRSSSGALRGVC SCVEAGKACDPAARQFNTLI

Sequence PWCLPHTGNRHNHWAGLYGR LEWDGFFSTTVTNPEPMGKQ GRVLHPEQHRVVSVRECARS QGFPDTYRLFGNILDKHRQV

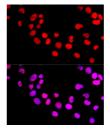
GNAVPPPLAKAIGLEIKLCM LAKARESASAKIKEEEAAKD



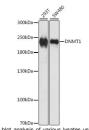
Chromatin immunoprecipitation analysis of extracts of Jurkat cells, using DNMT1 antibody (STJ11104314) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated



Immunoprecipitation analysis of 300 Mu g extracts o Jurkat cells using 3 Mu g DNMT1 antibod ISTJ11104314). Western blot was performed from the immunoprecipitate using DNMT1 (STJ11104314) at a



Immunofluorescence analysis of 293T cells using DNMT1 Rabbit polyclonal antibody (STJ11104314) air dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAP for pu



Rabbit polyclonal antibody (STJ11104314) at 1:100 dilution. Secondary antibody: HTP Goat Anti-Rabb (IgG (H+L) (STJS000856) at 1:1000 dilution Lysates/proteins: 25 Mu g per lane. Blocking buffer 33% nonfat dry milk in TBST. Detection: ECL Basic Kit Exposure time: 1s.