

Anti-DNMT1 antibody (1-124) (STJ11102767)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/IP/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

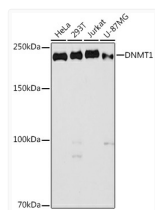
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specif
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 183kDa Observed Mw: 200kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

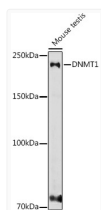
Gene ID	1786
Gene Symbol	DNMT1
UniProt ID	DNMT1_HUMAN
Immunogen Region	1-124
Immunogen Sequence	MPARTAPARVPTLAVPAISL PDDVRRRLKDLERDSL TEKE CVKEKLNLLHEFLQTEIKNQ LCDLETCLRKEELSEEGYLA KVKSLNKKDLSLENGAHAYN REVNGRLENGNQARSEARRV GMAD
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-124 of DNMT1 (NP_001370.1).

ADDITIONAL INFORMATION

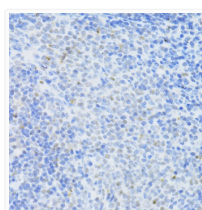
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



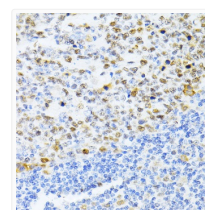
Western blot analysis of extracts of various cell lines, using DNMT1 antibody (STJ11102767) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



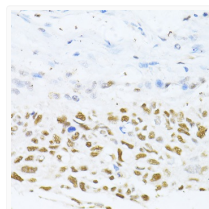
Western blot analysis of extracts of various cell lines, using DNMT1 antibody (STJ11102767) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



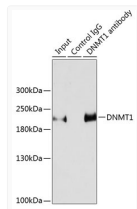
Immunohistochemistry analysis of paraffin-embedded rat spleen using DNMT1 antibody (STJ11102767) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human tonsil using DNMT1 antibody (STJ11102767) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human lung cancer using DNMT1 antibody (STJ11102767) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunoprecipitation analysis of 200 Mu g extracts of HeLa cells using 3 Mu g DNMT1 antibody (STJ11102767). Western blot was performed from the immunoprecipitate using DNMT1 antibody (STJ11102767) at a dilution of 1:1000.