

Anti-DNMT1 antibody (1-124) (STJ119140)

STJ119140

GENERAL INFORMATION

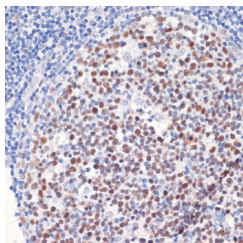
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

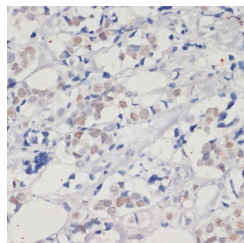
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 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

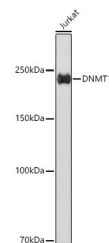
Gene ID	1786
Gene Symbol	DNMT1
Uniprot ID	DNMT1_HUMAN
Immunogen	
Region	1-124
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-124 of DNMT1 (NP_001370.1).
Immunogen Sequence	MPARTAPARVPTLAVPAISL PDDVRRRLKDLERDSLTEKE CVKEKLNLLHFLQTEIKNQ LCDLETKLKKEELSEGYLA KVKSLNKLDSLENGAHAYN REVNGRLENGNQARSEARRV GMAD



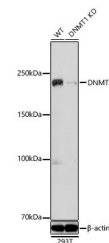
Immunohistochemistry analysis of DNMT1 in paraffin-embedded human tonsil using [KD Validated] DNMT1 Rabbit polyclonal antibody (STJ119140) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of DNMT1 in paraffin-embedded human breast cancer using [KD Validated] DNMT1 Rabbit polyclonal antibody (STJ119140) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of lysates from Jurkat cells using [KD Validated] DNMT1 Rabbit polyclonal antibody (STJ119140) at 1:1000 dilution incubated overnight at 4 A°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic KitExposure time: 3 s.



Western blot analysis of lysates from wild type (WT) and DNMT1 knockdown (KD) 293T cells using [KD Validated] DNMT1 Rabbit polyclonal antibody (STJ119140) at 1:1000 dilution incubated overnight at 4 A°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic KitExposure time: 3 s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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