

Anti-NNMT antibody (1-264) (STJ28756)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

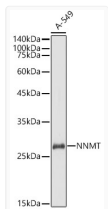
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 30kDa Observed Mw: 28kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

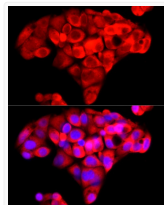
Gene ID	4837
Gene Symbol	NNMT
UniProt ID	NNMT_HUMAN
Immunogen Region	1-264
Immunogen Sequence	MESGFTSKDTYLSHFNPRDY LEKYYKFGSRHSAESQILKH LLKNLFKIFCLDGVKGDLLI DIGSGPTIYQLLSACESFKE IVVTDYSDQNLQLEKWLKK EPEAFDWSFVVTYVCDLEGN RVKGPKEEKLRAVQKQVLK CDVTQSQPLGAVPLPPADCV LSTLCLDAACPDLPTYCRAL RNLGSLKPGGFLVIMDALK SSSYIMIGEQQFSSSLPLGREA VEA AVKEAGYTIEWFEVIS
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-264 of human NNMT (NP_006160.1).

ADDITIONAL INFORMATION

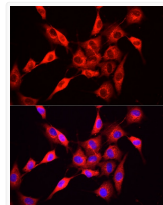
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



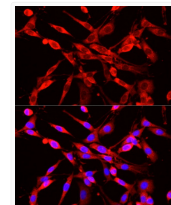
Western blot analysis of extracts of A-549 cells, using NNMT antibody (STJ28756) at 1:500 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



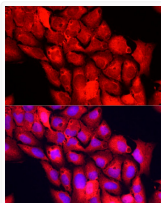
Immunofluorescence analysis of HepG2 cells using NNMT rabbit polyclonal antibody (STJ28756) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using NNMT rabbit polyclonal antibody (STJ28756) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using NNMT rabbit polyclonal antibody (STJ28756) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using NNMT rabbit polyclonal antibody (STJ28756) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.