

Anti-CDKN1B antibody (1-198) (STJ23072)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

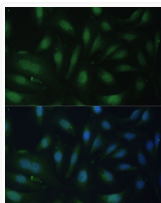
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/ICC:1:20-1:50 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 22kDa Observed Mw: 27kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

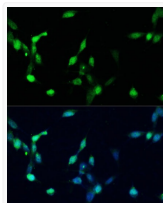
Gene ID	1027
Gene Symbol	CDKN1B
UniProt ID	CDN1B_HUMAN
Immunogen Region	1-198
Immunogen Sequence	MSNVRVSNNGSPSLERMDARQ AEHPKPSACRNLFQPDHDEE LTRDLEKHCRDMEEASQRKW NFDQFNHKKPLEGKYEWQVEV KGSLEPFYRPPRPPKGACK VPAQESQDVSGSRPAAPLIG APANSEDTLVDPKTDPSDS QTGLAEQCAQIRKRPATDDDS STQNKRRNRTEENVSDGSPN AGSVEQTPKKPGLRRRQT
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-198 of human CDKN1B/p27KIP1 (NP_004055.1).

ADDITIONAL INFORMATION

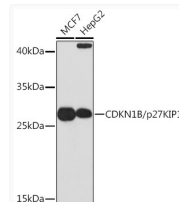
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of U-2 OS cells using p27 KIP 1 antibody (STJ23072) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using p27 KIP 1 antibody (STJ23072) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using CDKN1B/p27KIP1 Rabbit polyclonal antibody (STJ23072) 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% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.