Datasheet for ABIN6138255

anti-CDC25C antibody (AA 174-473)

1 Image

Go to Product page

Overview

Quantity:	100 µL
Target:	CDC25C
Binding Specificity:	AA 174-473
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDC25C antibody is un-conjugated
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 174-473 of human CDC25C (NP_001781.2).
Sequence:	PKLDKNPNLG EDQAEEISDE LMEFSLKDQE AKVSRSGLYR SPSMPENLNR PRLKQVEKFK DNTIPDKVKK KYFSGQGKLR KGLCLKKTVS LCDITITQML EEDSNQGHLI GDFSKVCALP TVSGKHQDLK YVNPETVAAL LSGKFQGLIE KFYVIDCRYP YEYLGGHIQG ALNLYSQEEL FNFFLKKPIV PLDTQKRIII VFHCEFSSER GPRMCRCLRE EDRSLNQYPA LYYPELYILK GGYRDFFPEY MELCEPQSYC PMHHQDHKTE LLRCRSQSKV QEGERQLREQ IALLVKDMSP
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

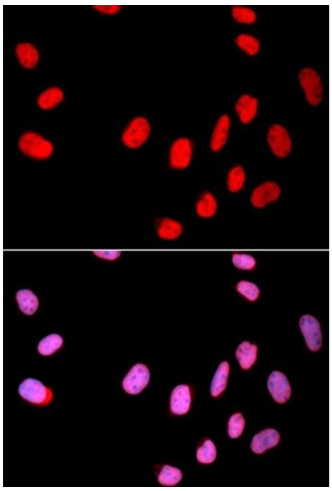
Target:	CDC25C
Alternative Name:	CDC25C (CDC25C Products)
Background:	This gene encodes a conserved protein that plays a key role in the regulation of cell division. The encoded protein directs dephosphorylation of cyclin B-bound CDC2 and triggers entry into mitosis. It also suppresses p53-induced growth arrest. Multiple alternatively spliced transcript variants of this gene have been described.,CDC25C,CDC25,PPP1R60,Epigenetics & Nuclear Signaling,Signal Transduction,G protein signaling,G2/M DNA Damage Checkpoint,Kinase,MAPK-Erk Signaling Pathway,Cell Biology & Developmental Biology,Cell Cycle,G2/M DNA Damage Checkpoint,CDC25C
Molecular Weight:	45 kDa/48 kDa/50 kDa/53 kDa
Gene ID:	995
UniProt:	P30307
Pathways:	Cell Division Cycle, M Phase

Application Details

Application Notes:	IF,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of U2OS cells using CDC25C antibody (ABIN6130091, ABIN6138255, ABIN6138256 and ABIN6215163). Blue: DAPI for nuclear staining.