

Rabbit anti-Human, Mouse CDC25B Polyclonal Antibody | anti-CDC25B antibody

CDC25B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232431	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

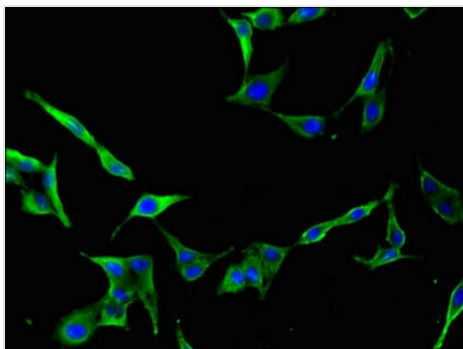
PRODUCT SYNONYMS

CDC25B; Polyclonal Antibody; CDC25B Antibody; M-phase inducer phosphatase 2; Dual specificity phosphatase Cdc25B; CDC25HU2; anti-CDC25B antibody

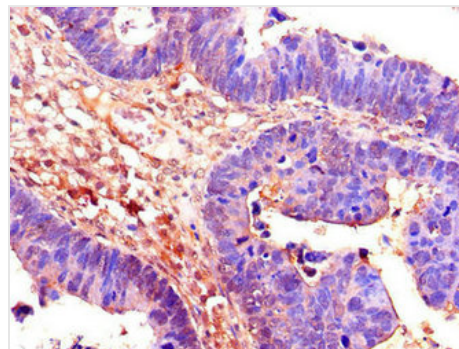
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	468
Applicable Applications for anti-CDC25B antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human M-phase inducer phosphatase 2 protein (1-195AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-6949 / sc-6948 / sc-326 / sc-5619
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

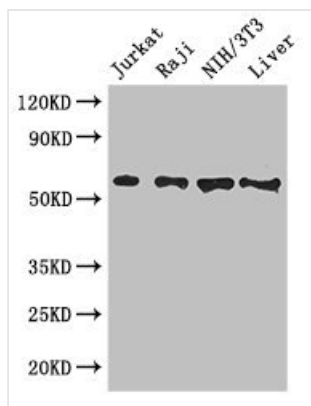
IMAGES


IHC (Immunohistochemisry)

Immunofluorescent analysis of HeLa cells using AAA232431 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)


IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human ovarian cancer using AAA232431 at dilution of 1:100



WB (Western Blot)

Western BlotPositive WB detected in:Jurkat whole cell lysate,Raji whole cell lysate,NIH/3T3 whole cell lysate,Mouse liver tissueAll lanes: CDC25B antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 65,64,61,68 kDaObserved band size: 65 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CDC25B antibody	Tyrosine protein phosphatase which functions as a dosage-dependent inducer of mitotic progression. Required for G2/M phases of the cell cycle progression and abscission during cytokinesis in a ECT2-dependent manner. Directly dephosphorylates CDK1 and stimulates its kinase activity. The three isoforms seem to have a different level of activity.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	566559982
NCBI GeneID	994
NCBI Accession #	NP_001274448.1
NCBI GenBank Nucleotide #	NM_001287519.1
UniProt Accession #	P30305; O43551; Q13971; Q5JX77; Q6RSS1; Q9BRA6; D3DVY1; D3DVY2; D3DVY3; D3DVY4
Molecular Weight	67,241 Da
NCBI Official Full Name	M-phase inducer phosphatase 2 isoform 7
NCBI Official Synonym Full Names	cell division cycle 25B
NCBI Official Symbol	CDC25B
NCBI Protein Information	M-phase inducer phosphatase 2
UniProt Protein Name	M-phase inducer phosphatase 2
UniProt Gene Name	CDC25B
UniProt Synonym Gene Names	CDC25HU2
UniProt Entry Name	MPIP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.