

Rabbit anti-Human CDC6 Polyclonal Antibody | anti-CDC6 antibody

CDC6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327336	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

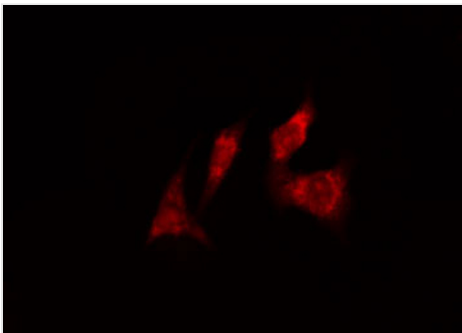
PRODUCT SYNONYMS

CDC6; Polyclonal Antibody; CDC6 Antibody; Cdc 18L; Cdc 6; CDC18 (cell division cycle 18; S.pombe; homolog) like; CDC18 (S.pombe); Cdc18 related protein; CDC18(S.pombe); Cdc18-related protein; Cdc18L; cdc6; CDC6 cell division cycle 6 homolog; CDC6 related protein; CDC6-related protein; CDC6_HUMAN; Cdc6p; CELL CYCLE CONTROLLER CDC6; Cell division control protein 6; Cell division control protein 6 homolog; Cell division cycle 6 homolog (S. cerevisiae); Cell division cycle 6 homolog; Cell division cycle 6; S. cerevisiae; homolog of; HsCDC 6; HsCDC18; HsCDC6; p62; p62(cdc 6); p62(cdc6); anti-CDC6 antibody

PRODUCT SPECIFICATIONS

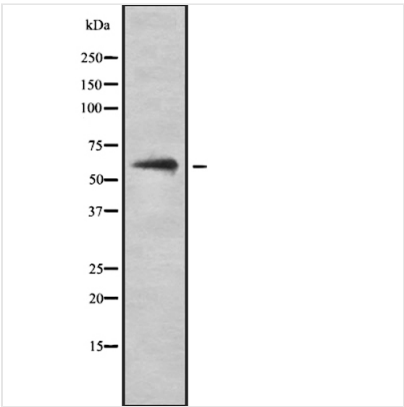
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	CDC6 antibody detects endogenous levels of total CDC6
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	560
Applicable Applications for anti-CDC6 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CDC6
Subcellular Location	Nucleus. Cytoplasm. The protein is nuclear in G1 and cytoplasmic in S-phase cells.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Xenopus (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA327336 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of CDC6 using RAW264.7 whole lysates

ADDITIONAL INFORMATION

Related Product Information for anti-CDC6 antibody	Function: Involved in the initiation of DNA replication. Also participates in checkpoint controls that ensure DNA replication is completed before mitosis is initiated. Subunit Structure: Interacts with PCNA, ORC1, cyclin-CDK (PubMed:9566895). Interacts with HUWE1 (PubMed:17567951). Interacts with ANKRD17 (PubMed:23711367). Interacts with GRWD1; origin binding of GRWD1 is dependent on CDC6 (PubMed:25990725). Interacts with CDT1; are mutually dependent on one another for loading MCM complexes onto chromatin (PubMed:14672932). Similarity: Belongs to the CDC6/cdc18 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502703
NCBI GeneID	990
NCBI Accession #	NP_001245.1
NCBI GenBank Nucleotide #	NM_001254.4
UniProt Accession #	Q99741; Q8TB30
Molecular Weight	Observed: 63 kDa Predicted: 63 kDa
NCBI Official Full Name	cell division control protein 6 homolog
NCBI Official Synonym Full Names	cell division cycle 6
NCBI Official Symbol	CDC6
NCBI Official Synonym Symbols	CDC18L; HsCDC6; MGORS5; HsCDC18
NCBI Protein Information	cell division control protein 6 homolog
UniProt Protein Name	Cell division control protein 6 homolog
UniProt Gene Name	CDC6
UniProt Synonym Gene Names	CDC18L; HsCdc18; HsCDC6

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.