

Rabbit anti-Human Phospho-CDC6 (S54) Polyclonal Antibody | anti-CDC6 antibody

Phospho-CDC6 (S54) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287691	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

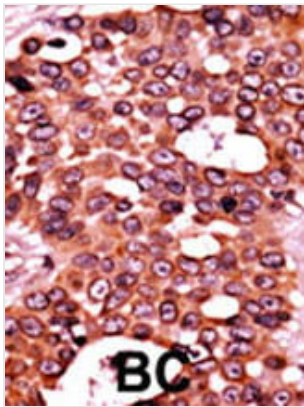
PRODUCT SYNONYMS

Phospho-CDC6 (S54); Polyclonal Antibody; Phospho-CDC6 (S54) Antibody; Cell division control protein 6 homolog; CDC6-related protein; Cdc18-related protein; HsCdc18; p62(cdc6); HsCDC6; CDC6; CDC18L; anti-CDC6 antibody

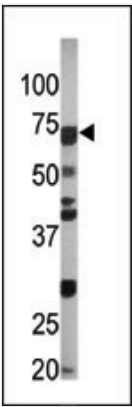
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CDC6 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S54 of human CDC6.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	560
Applicable Applications for anti-CDC6 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
The anti-Phospho-CDC6-S54 Pab is used in Western blot to detect Phospho-CDC6-S54 in Ramos tissue lysate

ADDITIONAL INFORMATION

Related Product Information for anti-CDC6 antibody	The protein encoded by this gene is highly similar to <i>Saccharomyces cerevisiae</i> Cdc6, a protein essential for the initiation of DNA replication. This protein functions as a regulator at the early steps of DNA replication. It localizes in cell nucleus during cell cyle G1, but translocates to the cytoplasm at the start of S phase. The subcellular translocation of this protein during cell cyle is regulated through its phosphorylation by Cdks. Transcription of this protein was reported to be regulated in response to mitogenic signals through transcriptional control mechanism involving E2F proteins.
Product Categories/Family for anti-CDC6 antibody	Cell Biology; Phospho Antibodies
References	Alexandrow, M.G., et al., Mol. Cell. Biol. 24(4):1614-1627 (2004). Yim, H., et al., Mol. Biol. Cell 14(10):4250-4259 (2003). Clay-Farrace, L., et al., EMBO J. 22(3):704-712 (2003). Pelizon, C., et al., EMBO Rep. 3(8):780-784 (2002). Bermejo, R., et al., Mol. Biol. Cell 13(11):3989-4000 (2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502703
NCBI GeneID	990
NCBI Accession #	NP_001245.1
NCBI GenBank Nucleotide #	NM_001254.3
UniProt Accession #	Q99741 ; Q8TB30
Molecular Weight	62720
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; 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
UniProt Entry Name	CDC6_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/phospho-cdc6-s54-antibody-immunohistochemistry-western-blot-elisa/287691>