

anti-Human CDC25B Antibody | anti-CDC25B antibody

CDC25B (Phospho-Ser353) Antibody

CATALOG # AAA267523	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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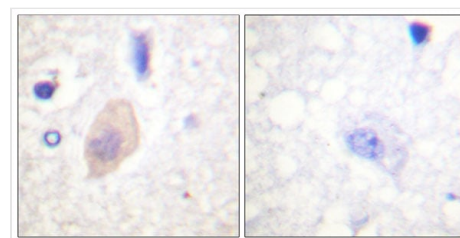
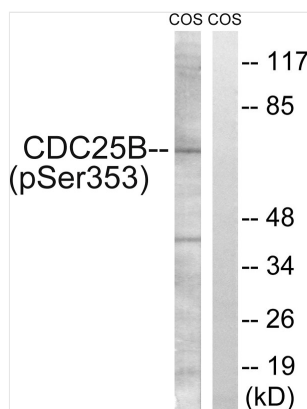
PRODUCT SYNONYMS

CDC25B; CDC25B (Phospho-Ser353) Antibody; CDC25HU2; CDC25M2; Dual specificity phosphatase Cdc25B; EC 3.1.3.48; M-phase inducer phosphatase 2; MPIP2; anti-CDC25B antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	CDC25B (Phospho-Ser353) antibody detects endogenous levels of CDC25B only when phosphorylated at serine 353.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	468
Applicable Applications for anti-CDC25B antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human CDC25B around the phosphorylation site of serine 353 (R-R-SP-V-T).
All Sites	Human: Ser353
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using CDC25B (Phospho-Ser353) antibody. Western blot analysis of extracts from COS7 cells, treated with etoposide (25uM, 24hours), using CDC25B (Phospho-Ser353) antibody.

ADDITIONAL INFORMATION

References	Sanae Uchida, J. Cell Sci., Jun 2004; 117: 3011-3020. Christina Karlsson, J. Cell Biol., Aug 1999; 146: 573. Stéphanie Dutertre, J. Cell Sci., May 2004; 117: 2523-2531.
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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

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://www.aaabiotech.com/human-antibody/cdc25b/267523>