

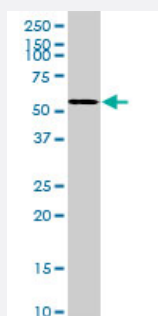
MaxPab®

CDC25A MaxPab rabbit polyclonal antibody (D01)

Catalog # H00000993-D01

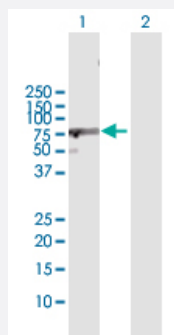
Size 100 uL

Applications



Western Blot (Cell lysate)

CDC25A MaxPab rabbit polyclonal antibody. Western Blot analysis of CDC25A expression in A-431.

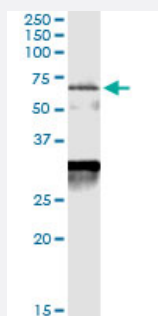


Western Blot (Transfected lysate)

Western Blot analysis of CDC25A expression in transfected 293T cell line ([H00000993-T01](#)) by CDC25A MaxPab polyclonal antibody.

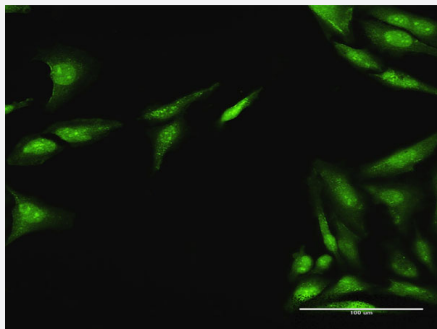
Lane 1: CDC25A transfected lysate(59.10 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of CDC25A transfected lysate using anti-CDC25A MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with CDC25A purified MaxPab mouse polyclonal antibody (B01P) ([H00000993-B01P](#)).



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to CDC25A on HeLa cell.
[antibody concentration 20 ug/ml]

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CDC25A protein.
Immunogen	CDC25A (NP_001780.2, 1 a.a. ~ 524 a.a) full-length human protein.
Sequence	MELGPEPPHRRRLLFACSPPPASQPVVKALFGASAAGGLSPVTNLTVTMDQLQGLGSDYEQPL EVKNNSNLQRMGSSESTDSGFCLDSPGPLDSKENLENPMRRIHSLPQKLLGCSPALKRSHSDSL DHDIFQLIDPDENKENEAFEFKKPVRPVSRGCLHSHGLQEGKDLFTQRQNSAPARMLSSNERDS SEPGNFIPLFTPQSPVTATLSDEDDGFVDLLDGENLKNEEETPSCMASLWTAPLVMRTTNLDNR CKLFDSPSLCSSSTRSVLKRPERSQEESPPGSTKRRKSMGASPKESTNPEKAHETLHQSLSLA SSPKGTIENILDNDPRDLIGDFSKGYLFHTVAGKHQDLKYISPEIMASVLNGKFANLIKEFVIIDCRYP YEYEGGHIKGAVNLHMEEEVEDFLLKKPVPTDGKRVVVFHCEFSSESGPRMCRYVRERDRLGN EYPKLHYPELYVLKGGYKEFFMKCQSYCEPPSYRPMHHEDFKEDLKKFRTKSRTWAGEKSKRE MYSRLKKL
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

CDC25A MaxPab rabbit polyclonal antibody. Western Blot analysis of CDC25A expression in A-431.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of CDC25A expression in transfected 293T cell line ([H00000993-T01](#)) by CDC25A MaxPab polyclonal antibody.

Lane 1: CDC25A transfected lysate(59.10 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of CDC25A transfected lysate using anti-CDC25A MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with CDC25A purified MaxPab mouse polyclonal antibody (B01P) ([H00000993-B01P](#)).

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to CDC25A on HeLa cell. [antibody concentration 20 ug/ml]

Gene Info — CDC25A

Entrez GeneID [993](#)

GeneBank Accession# [NM_001789](#)

Protein Accession# [NP_001780.2](#)

Gene Name CDC25A

Gene Alias CDC25A2

Gene Description cell division cycle 25 homolog A (S. pombe)

Omim ID [116947](#)

Gene Ontology [Hyperlink](#)

Gene Summary CDC25A is a member of the CDC25 family of phosphatases. CDC25A is required for progressi on from G1 to the S phase of the cell cycle. It activates the cyclin-dependent kinase CDC2 by rem oving two phosphate groups. CDC25A is specifically degraded in response to DNA damage, whi ch prevents cells with chromosomal abnormalities from progressing through cell division. CDC25 A is an oncogene, although its exact role in oncogenesis has not been demonstrated. Two transcr ipt variants encoding different isoforms have been found for this gene. [provided by RefSeq

Other Designations M-phase inducer phosphatase 1|cell division cycle 25A|dual specificity phosphatase CDC25A

Pathway

- [Cell cycle](#)

Disease

- [Adenocarcinoma](#)
- [Breast Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Ovarian Neoplasms](#)
- [Pulmonary Disease](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)