



CDC46 Polyclonal Antibody

Catalog No	YP-Ab-16686
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	MCM5
Immunogen	The antiserum was produced against synthesized peptide derived from human MCM5. AA range:21-70
Specificity	CDC46 Polyclonal Antibody detects endogenous levels of CDC46 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CDC46;EC:3.6.4.12;P1 CDC46;P1-CDC46;MCM5;DNA replication licensing factor MCM5;CDC46 homolog
Observed Band	90kD
Calculated Molecular Weight	90kD
Cell Pathway	Nucleus . Chromosome . Cytoplasm, cytosol . Associated with chromatin before the formation of nuclei and detaches from it as DNA replication progresses. .
Tissue Specificity	Cervix,Cervix carcinoma,Lymph,Placenta,Spleen,Thymus,Tongue
Function	similarity:Belongs to the MCM family.,similarity:Contains 1 MCM domain.,
Background	The protein encoded by this gene is structurally very similar to the CDC46 protein from <i>S. cerevisiae</i> , a protein involved in the initiation of DNA replication. The encoded protein is a member of the MCM family of chromatin-binding proteins and can interact with at least two other members of this family. The encoded protein is upregulated in the transition from the G0 to G1/S phase of the cell cycle and may actively participate in cell cycle regulation. [provided by



RefSeq, Jul 2008],

**matters needing
attention**

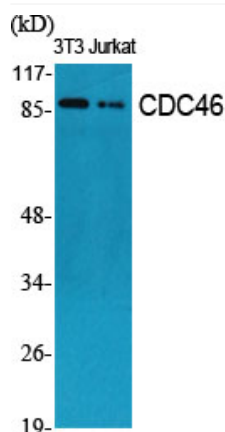
Avoid repeated freezing and thawing!

Usage suggestions

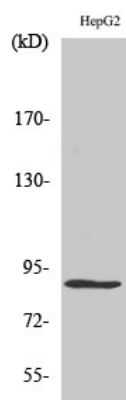
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



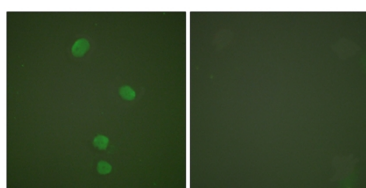
Products Images



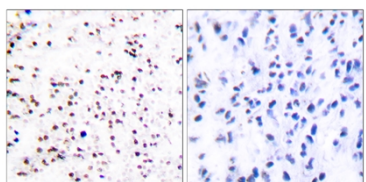
Western Blot analysis of various cells using CDC46 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Western Blot analysis of HepG2 cells using CDC46 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Immunofluorescence analysis of HepG2 cells, using MCM5 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human tonsil tissue, using MCM5 Antibody. The picture on the right is blocked with the synthesized peptide.

Western blot analysis of lysates from HepG2 cells, using MCM5 Antibody. The lane on the right is blocked with the synthesized peptide.