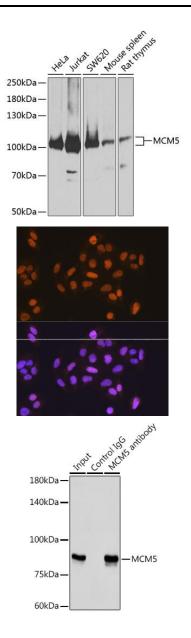
MCM5 Rabbit Polyclonal Antibody

CAB5556



Product Information	Protein Background
Size:	The protein encoded by this gene is structurally very similar to the CDC46 protein from S
20uL, 50uL, 100uL, 200uL Observed MW:	cerevisiae, 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 GO to G1/S phase of the cell cycle and may actively participate in cell cycle regulation.
Calculated MW:	Immunogen information
924Da	Gene ID:
82kDa	4174
Applications:	
WB IF IP	Uniprot P33992
	P33992
Reactivity:	
Human, Mouse, Rat	Synonyms: MCM5; CDC46; P1-CDC46
Antibody Information	
	Immunogen:
Recommended dilutions: WB 1:1000 - 1:3000 IF 1:50 - 1:200 IP 1:50 - 1:200	Recombinant fusion protein containing a sequence corresponding to amino acids 1-230 of human MCM5 (NP_006730.2).
Source:	
Rabbit	Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
lsotype: lgG	

Purification: Affinity purification



Western blot analysis of extracts of various cell lines, using MCM5 antibody (CAB5556) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.

Immunofluorescence analysis of U-2 OS cells using MCM5 Rabbit pAb (CAB5556) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Immunoprecipitation analysis of 300ug extracts of HeLa cells using 3ug MCM5 antibody (CAB5556). Western blot was performed from the immunoprecipitate using MCM5 antibody (CAB5556) at a dilition of 1:1000.