

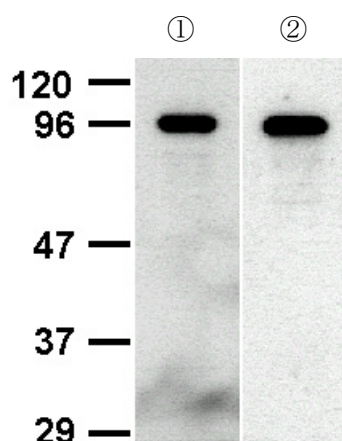


Anti Mouse G5PR Polyclonal Antibody

G5PR was cloned as novel protein which could bind to Germinal center Associated DNA Primase (GANP). GANP is involved in important events that regulate DNA replication in activated germinal centre B cells. G5PR is homologous to known regulatory B" subunits of PP2A, and the G5PR protein is associated with PP5 and PP2A, suggesting that G5PR is a GANP-associated PPase component. G5PR contributes to the regulation of the phosphorylation state of the chromatin-bound or nonbound form of MCM3 (minichromosome replication molecule 3) in vivo. So that, G5PR might regulate MCM3/GANP complex phosphorylation state during cell cycle progression.

This antibody is very useful for immunoprecipitation and westernblotting.

Package Size	25 μ g (100 μ L/vial)
Format	Rabbit polyclonal antibody, 0.25mg/mL
Buffer	Block Ace as a stabilizer, containing 0.1% Proclin as a bacteriostat
Storage	Below -20°C
Purification method	This antibody was purified from rabbit serum by affinity chromatography.
Working dilution	For immunoprecipitation ; 2 μ g For western blotting ; 1~5 μ g/mL



Westernblotting

Sample : Myc-GFP-G5PR co-transfected cell lysate

- ① Immunoprecipitated by anti-G5PR antibody, then detected by anti-Myc antibody
- ② Immunoprecipitated by anti-Myc antibody, then detected by anti-G5PR antibody

Preparation of antibodies and instruction

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【Reference】

1. Genes Cells 2002 Aug;7(8):821-34

Manufacturer



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