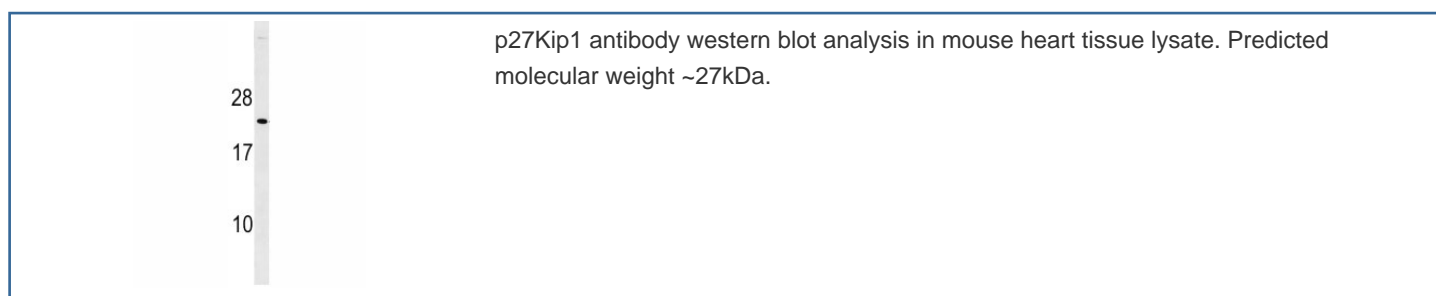


## p27Kip1 Antibody (F52107)

Catalog No.	Formulation	Size
F52107-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52107-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Mouse
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	P46414
<b>Applications</b>	Western Blot : 1:1000
<b>Limitations</b>	This p27Kip1 antibody is available for research use only.



## Description

Important regulator of cell cycle progression. Involved in G1 arrest. Potent inhibitor of cyclin E-and cyclin A-CDK2 complexes. Forms a complex with cyclin type D-CDK4 complexes and is involved in the assembly, stability, and modulation of cyclin D-CDK4 complex activation. Acts either as an inhibitor or an activator of cyclin type D-CDK4 complexes depending on its phosphorylation state and/or stoichiometry.

## Application Notes

Titration of the p27Kip1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 175-197 from the mouse protein was used as the immunogen for this p27Kip1 antibody.

## Storage

Aliquot the p27Kip1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.