

# Anti-PRKAA2 Antibody (R3N18)

## Summary

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<b>Catalog No.</b>	RHF04003
<b>Clone ID</b>	R3N18
<b>Host species</b>	Mouse
<b>Tested applications</b>	ELISA: 1:10000, FCM: 1:200-1:400, IF: 1:50-1:500, IHC: 1:100-1:500, WB: 1:500-1:2000
<b>Species reactivity</b>	Human, Mouse, Rat, Rabbit, Monkey
<b>Form</b>	Liquid
<b>Storage buffer</b>	0.01M PBS, pH 7.4, 0.05% Sodium Azide.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Applications</b>	ELISA, FCM, IF, IHC, WB
<b>Target</b>	PRKAA2, Acetyl-CoA carboxylase kinase, AMPK subunit alpha-2, ACACA kinase, AMPK, AMPK2, Hydroxymethylglutaryl-CoA reductase kinase, 5'-AMP-activated protein kinase catalytic subunit alpha-2, HMGCR kinase
<b>Purification</b>	Protein A/G purified from cell culture supernatant.
<b>Endotoxin level</b>	Please contact with the lab for this information.
<b>Accession</b>	P54646

**Stability and Storage**

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

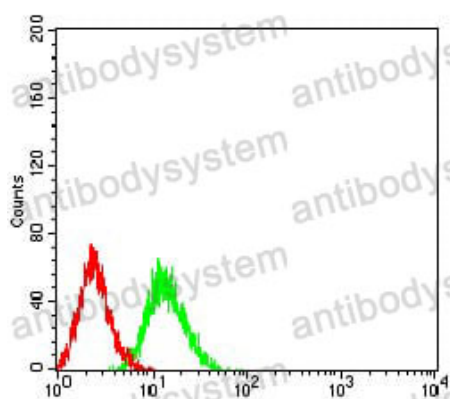
Store at 4°C short term (1-2 weeks). Store at -20°C 12 months. Store at -80°C long term.

**Note**

For research use only.

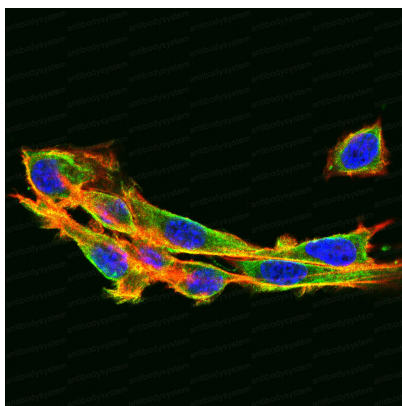
**Data Image**

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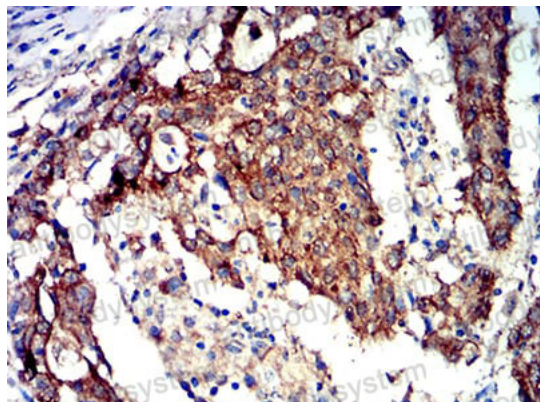
Flow Cytometry

Flow cytometric analysis of Jurkat cells using PRKAA2 mouse mAb (green) and negative control (red).



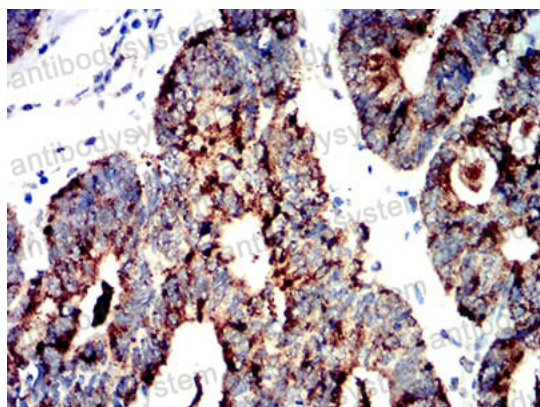
Immunofluorescence

Immunofluorescence analysis of NIH/3T3 cells using PRKAA2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



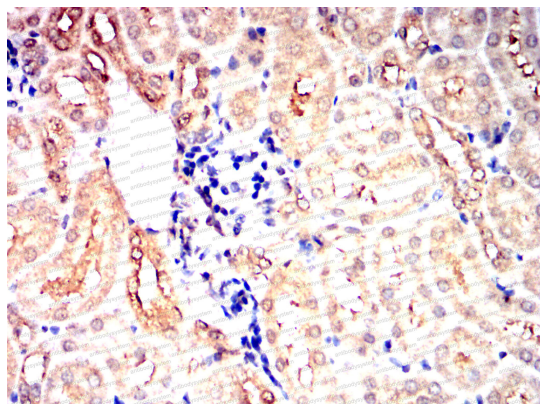
Immunohistochemical

Immunohistochemical analysis of paraffin-embedded human stomach cancer tissues using PRKAA2 mouse mAb with DAB staining.



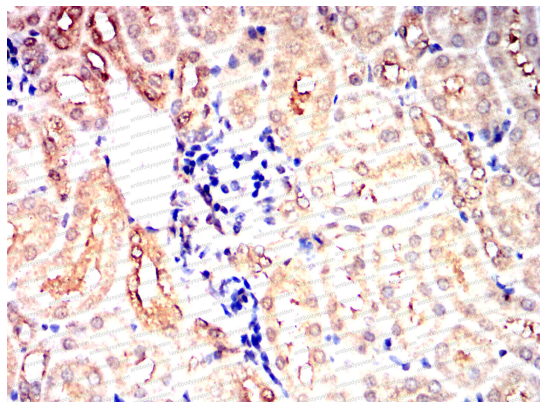
Immunohistochemical

Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using PRKAA2 mouse mAb with DAB staining.



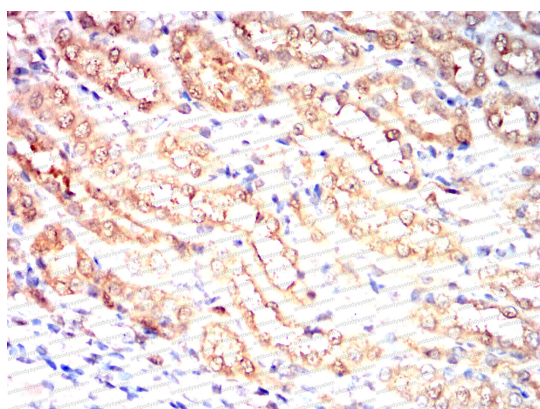
Immunohistochemical

Immunohistochemical analysis of paraffin-embedded Mouse kidney using PRKAA2 mouse mAb with DAB staining.



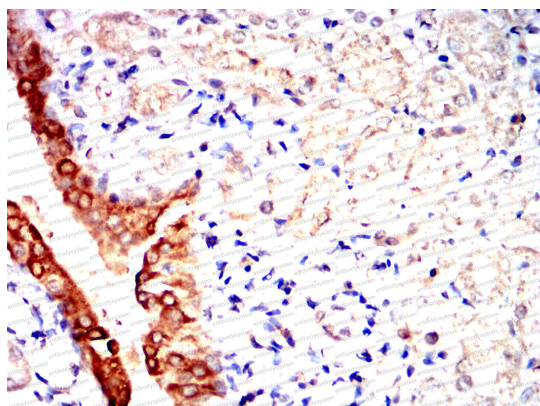
Immunohistochemical

Immunohistochemical analysis of paraffin-embedded Mouse kidney using PRKAA2 mouse mAb with DAB staining.



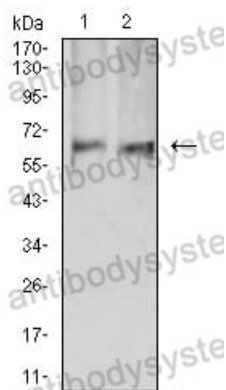
Immunohistochemical

Immunohistochemical analysis of paraffin-embedded Rat kidney using PRKAA2 mouse mAb with DAB staining.



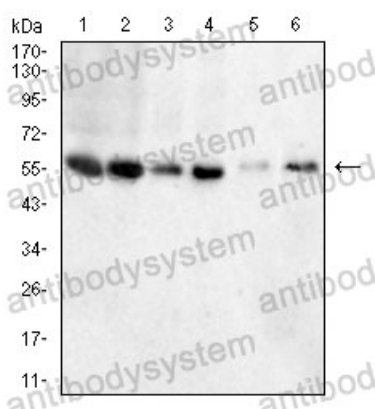
Immunohistochemical

Immunohistochemical analysis of paraffin-embedded Rabbit kidney using PRKAA2 mouse mAb with DAB staining.



Western blot

Western blot analysis using PRKAA2 mouse mAb against HEK293 (1) and COS7 (2) cell lysate.



Western blot

Western blot analysis using PRKAA2 mouse mAb against Mouse liver(1)PC-12(2)NIH/3T3(3)NRK(4)C2C12(5)C6(6)cell lysate.