

Mouse Monoclonal Antibody to PRKAA1

Order Information

Catalog#	P34236	
Size/Concentration	100µl	50µl
Price(¥)	2180	1280

Description

Responsible for the regulation of fatty acid synthesis by phosphorylation of acetyl-CoA carboxylase. It also regulates cholesterol synthesis via phosphorylation and inactivation of hormone-sensitive lipase and hydroxymethylglutaryl-CoA reductase. Appears to act as a metabolic stress-sensing protein kinase switching off biosynthetic pathways when cellular ATP levels are depleted and when 5'-AMP rises in response to fuel limitation and/or hypoxia. This is a catalytic subunit.

Specification

Aliases : 5'-AMP-activated protein kinase catalytic subunit alpha-1, AMPK subunit alpha-1, Acetyl-CoA carboxylase kinase, ACACA kinase, Hydroxymethylglutaryl-CoA reductase kinase, HMGCR kinase, Tau-protein kinase PRKAA1, PRKAA1, AMPK1

Entrez GeneID : 5562

Swissprot : Q13131

WB Predicted band size : 64.0kDa

Host/Isotype : Mouse IgG1

Storage : Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Species Reactivity : Human

Immunogen : This PRKAA1 Monoclonal antibody was raised using purified His-tagged recombinant human PRKAA1.

Formulation : Mouse monoclonal antibody supplied in crude ascites with 0.05% sodium azide.

Application

WB	1/1000-1/5000
IHC	1/100-1/500






Call 1-510-860-4615
+86-19375157864
Email Info@ProMab.com
Web www.ProMab.com
www.ProMab.cn

Protocol

WB - www.promab.com/protocol/wb.html
IHC - www.promab.com/protocol/ihc.html
ICC - www.promab.com/protocol/icc.html
HCM - www.promab.com/protocol/hcm.html

Antigen Sequence is available upon request.

Products and Services

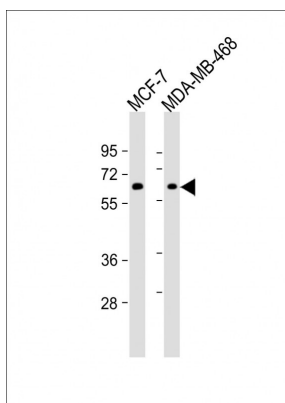
-  Mouse Monoclonal Antibody
-  Rat Monoclonal Antibody
-  Human Antibody
-  Hybridoma Sequencing
-  Polyclonal Antibody

For Research Only

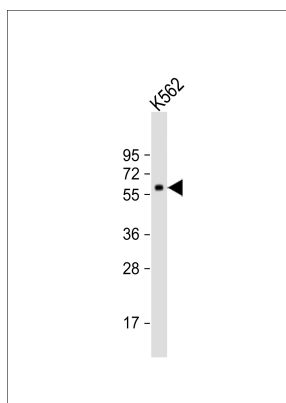
Application Key:WB - Western Blot | IHC - Immunohistochemistry | ICC - Immunocytochemistry | FCM - Flow Cytometry | ELISA - Enzyme-linked Immunosorbent Assay | IP - Immunoprecipitation

#P34236

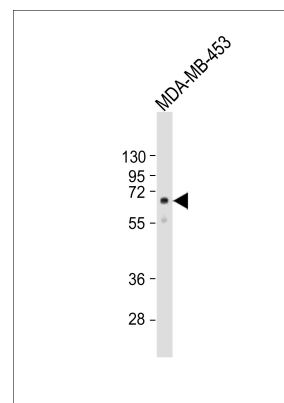
Mouse Monoclonal Antibody to PRKAA1



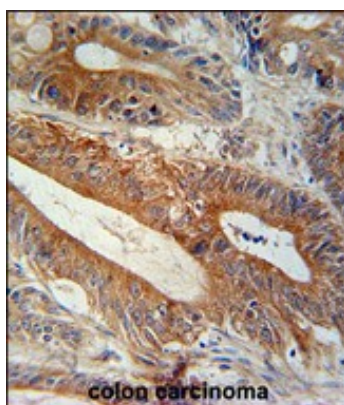
All lanes : Anti-PRKAA1 Antibody at 1:1000 dilution
Lane 1: MCF-7 whole cell lysate
Lane 2: MDA-MB-468 whole cell lysate
Lysates/proteins at 20 µg per lane.
Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 64 kDa
Blocking/Dilution buffer: 5% NFDm/TBST.



Anti-PRKAA1 Antibody (Ascites) at 1:8000 dilution + K562 whole cell lysate
Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 64009 Da
Blocking/Dilution buffer: 5% NFDm/TBST.



Anti-PRKAA1 Antibody (Ascites) at 1:4000 dilution + MDA-MB-453 whole cell lysate
Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 64009 Da
Blocking/Dilution buffer: 5% NFDm/TBST.



PRKAA1 Monoclonal(Ascites) (Cat. #P34236) immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PRKAA1 Monoclonal(Ascites) for immunohistochemistry. Clinical relevance has not been evaluated.

For Research Only

Application Key: WB - Western Blot | IHC - Immunohistochemistry | ICC - Immunocytochemistry | FCM - Flow Cytometry | ELISA - Enzyme-linked Immunosorbent Assay | IP - Immunoprecipitation

#P34236