

Datasheet for ABIN197410
anti-PRKAA1 antibody (Thr174)



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3 Images

Overview

Quantity:	0.1 mL
Target:	PRKAA1
Binding Specificity:	Thr174
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRKAA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized non-phosphopeptide derived from human AMPK1 alpha-1 around the phosphorylation site of threonine 174 (L-R-Tp-S-C).
Specificity:	This antibody AP02704PU detects endogenous levels of total AMPK alpha-1/AMPK alpha-2 protein.
Purification:	Immunoaffinity Chromatography using epitope-specific immunogen.

Target Details

Target:	PRKAA1
Alternative Name:	PRKAA1 (PRKAA1 Products)
Background:	Synonyms: 5'-AMP-activated protein kinase catalytic subunit alpha-1/2, AMPK alpha-1, AMPK

Target Details

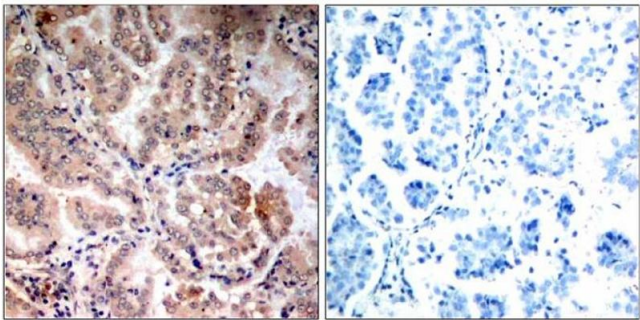
	alpha-2, AMPK1, AMPK2, PRKAA1, PRKAA2
Gene ID:	5562
NCBI Accession:	NP_006242
UniProt:	Q13131
Pathways:	AMPK Signaling , Carbohydrate Homeostasis , Regulation of Carbohydrate Metabolic Process , Warburg Effect

Application Details

Application Notes:	Western Blot: 1/500-1/1000. Immunofluorescence: 1/100-1/200. Immunohistochemistry on Paraffin Sections 1/50-1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % Sodium Azide and 50 % Glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store the antibody (in aliquots) at -20 °C.



Peptide - +

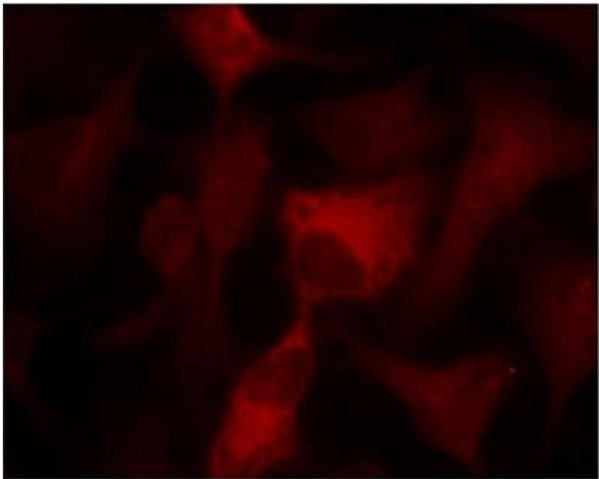
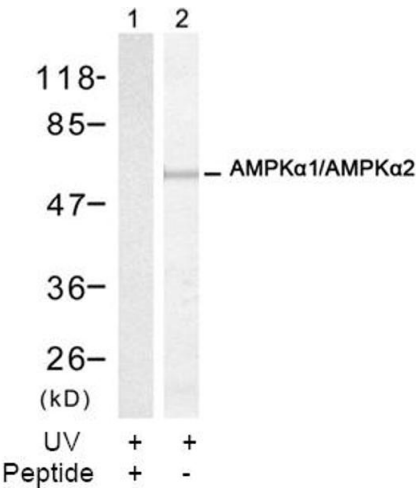


Image 1.

Image 2.

Image 3.