9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-Phospho-AMPK alpha 1 (S496) Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1271

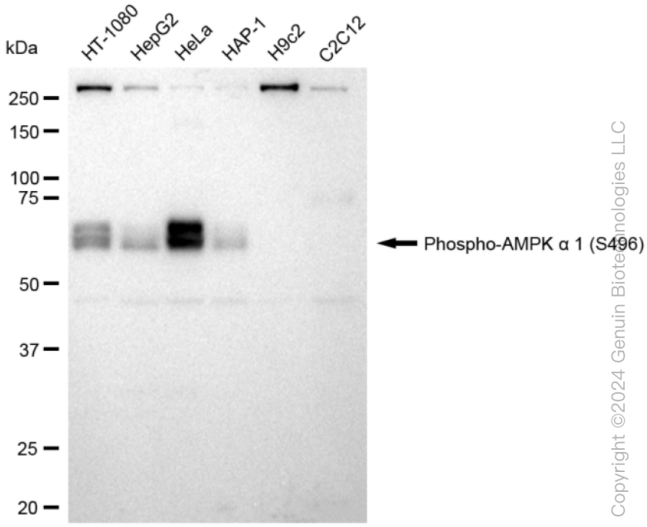
Product Overview

Name	KD-Validated Anti-Phospho-AMPK alpha 1 (S496) Rabbit Monoclonal Antibody
Accession(Primary)	Q13131
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Phospho-AMPK alpha 1 (S496)
Species Reactivity	Human
Calculated MW	Predicted, 64 kDa , observed, 64 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (Q13131)

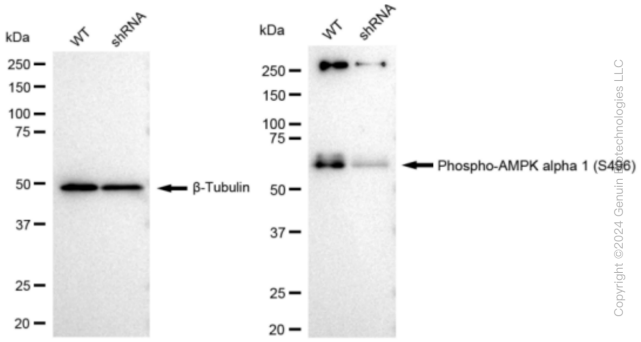
Gene Name	PRKAA1
About Gene Symbol	PRKAA1 (Protein Kinase AMP-Activated Catalytic Subunit Alpha 1) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989



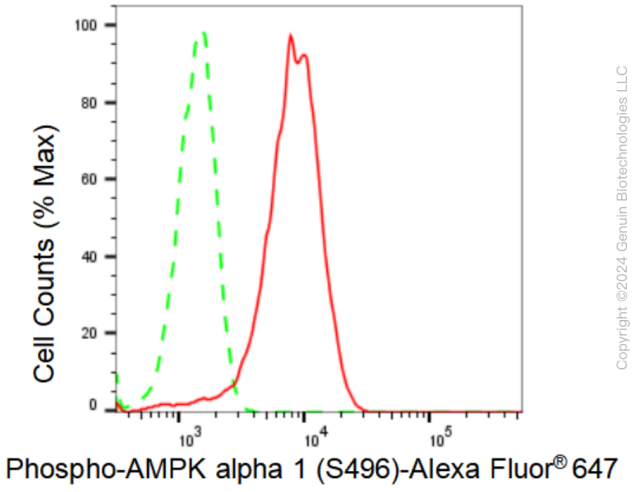
Copyright ©2024 Genuin Biotechnologies LLC

Western blotting analysis using anti-Phospho-AMPK alpha 1 (S496) antibody (Cat#ABG1271). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Phospho-AMPK alpha 1 (S496) antibody (Cat#ABG1271, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Copyright ©2024 Genuin Biotechnologies LLC

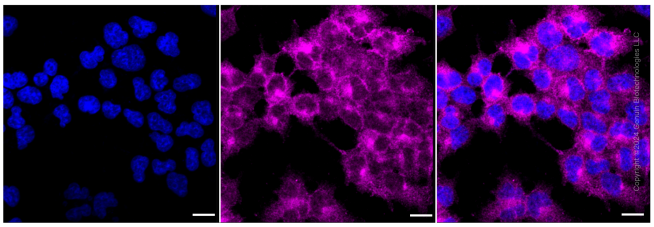
Western blotting analysis using anti-Phospho-AMPK alpha 1 (S496) antibody (Cat#ABG1271). Phospho-AMPK alpha 1 (S496) expression in wild type (WT) and phospho-AMPK alpha 1 (S496) shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Phospho-AMPK alpha 1 (S496) antibody (Cat#ABG1271, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Copyright ©2024 Genuin Biotechnologies LLC

Flow cytometric analysis of Phospho-AMPK alpha 1 (S496) expression in HeLa cells using Phospho-AMPK alpha 1 (S496) antibody (Cat#ABG1271, 1:2,000). Green, isotype control; red, Phospho-AMPK alpha 1 (S496).

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989



Immunocytochemical staining of HeLa cells with Phospho-AMPK alpha 1 (S496) antibody (Cat#ABG1271, 1:1,000). Nuclei were stained blue with DAPI; Phospho-AMPK alpha 1 (S496) was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.