

Rabbit PRKAB1 Polyclonal Antibody | anti-PRKAB1 antibody

PRKAB1 Polyclonal Antibody

CATALOG # AAA167096	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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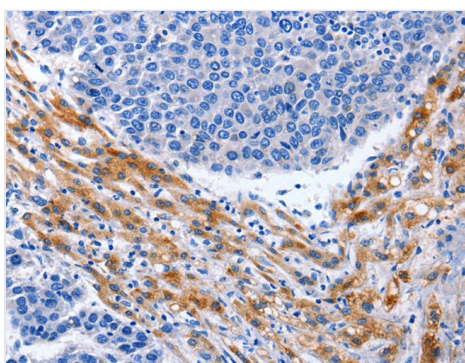
PRODUCT SYNONYMS

PRKAB1; Polyclonal Antibody; PRKAB1 Polyclonal Antibody; AMPK; HAMPKb; anti-PRKAB1 antibody

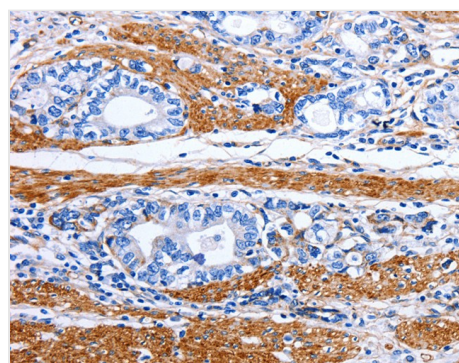
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.6mg/mL (varies by lot)
Sequence Length	270
Applicable Applications for anti-PRKAB1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human PRKAB1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using PRKAB1 Polyclonal Antibody at dilution 1:15



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human stomach cancer tissue using PRKAB1 Polyclonal Antibody at dilution 1:15

ADDITIONAL INFORMATION

Related Product Information for anti-PRKAB1 antibody	The protein encoded by this gene is a regulatory subunit of the AMP-activated protein kinase (AMPK). AMPK is a heterotrimer consisting of an alpha catalytic subunit, and non-catalytic beta and gamma subunits. AMPK is an important energy-sensing enzyme that monitors cellular energy status. In response to cellular metabolic stresses, AMPK is activated, and thus phosphorylates and inactivates acetyl-CoA carboxylase (ACC) and beta-hydroxy beta-methylglutaryl-CoA reductase (HMGCR), key enzymes involved in regulating de novo biosynthesis of fatty acid and cholesterol. This subunit may be a positive regulator of AMPK activity. The myristoylation and phosphorylation of this subunit have been shown to affect the enzyme activity and cellular localization of AMPK. This subunit may also serve as an adaptor molecule mediating the association of the AMPK complex.
Product Categories/Family for anti-PRKAB1 antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	649102423
NCBI Official Full Name	PRKAB1, partial

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/prkab1-antibody-immunohistochemistry-elisa/167096>