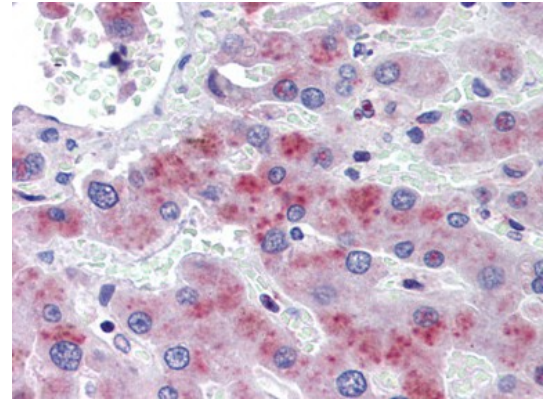


AP22970PU-N**Polyclonal Antibody to AMPK beta-2 chain / PRKAB2 - Aff - Purified**

Alternate names:	5'-AMP-activated protein kinase subunit beta-2
Quantity:	50 µg
Concentration:	0.5 mg/ml
Background:	Non-catalytic subunit of AMP-activated protein kinase (AMPK), an energy sensor protein kinase that plays a key role in regulating cellular energy metabolism. In response to reduction of intracellular ATP levels, AMPK activates energy-producing pathways and inhibits energy-consuming processes: inhibits protein, carbohydrate and lipid biosynthesis, as well as cell growth and proliferation.
Uniprot ID:	O43741
NCBI:	NP_005390
GeneID:	5565
Host:	Goat
Immunogen:	Synthetic peptide from human PRKAB2 / AMPK Beta 2 Remarks: Percent identity by BLAST analysis: Human, Gorilla (100%); Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Bovine, Dog, Horse, Rabbit, Pig (92%); Opossum, Platypus (83%)
Format:	State: Liquid purified Ig fraction Purification: Immunoaffinity Chromatography Buffer System: Tris saline buffer, pH 7.3 containing 0.5% BSA and 0.02% sodium azide
Applications:	Immunohistochemistry on Paraffin Sections: 3.75 µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to AMP-Activated Protein Kinase, Non-Catalytic Beta 2 (PRKAB2).
Species Reactivity:	Tested: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Bovine, Dog, Horse, Rabbit, Pig, Opossum, Platypus
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

Liver, Human: Formalin-Fixed, Paraffin-Embedded (FFPE)



Small intestine, submucosal plexus, Human: Formalin-Fixed, Paraffin-Embedded (FFPE)

