

AMPK β 1 (V175) polyclonal antibody

Catalog: BS1812

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

AMPK β 1 is a member of the SNF1 kinase family. It is a heterotrimeric protein comprising of an alpha (catalytic), beta (non-catalytic) and gamma (non-catalytic) subunits, 63, 38 and 38kDa respectively. AMPK β 1 regulates fatty acid and sterol synthesis by phosphorylation of acetyl-coA. It also regulates cholesterol synthesis via phosphorylation and in-activation of hydroxymethylglutaryl-CoA reductase. Two isoforms of AMPK β 1 have been found.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 38 kDa

Swiss-Prot:

Q9Y478

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

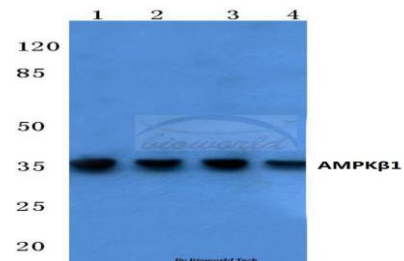
Storage&Stability:

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

Specificity:

AMPK β 1 (V175) polyclonal antibody detects endogenous levels of AMPK β 1 protein.

DATA:



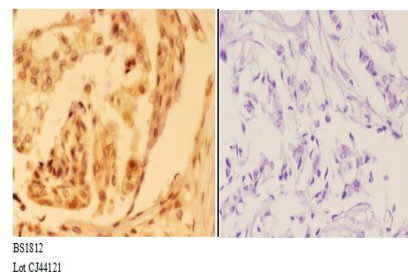
Western blot (WB) analysis of AMPK β 1 (V175) polyclonal antibody at 1:500 dilution

Lane1:Hela cell lysate

Lane2:HEK293T cell lysate

Lane3:NIH-3T3 cell lysate

Lane4:PC12 cell lysate



Immunohistochemistry (IHC) analyzes of AMPK β 1 (V175) pAb in paraffin-embedded human breast carcinoma tissue at 1:50, showing cytoplasm and nuclear staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.

Note:

For research use only, not for use in diagnostic procedure.

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