

Anti-Phospho-AMPK beta 1 (S182) Rabbit Polyclonal Antibody



Catalog #: U0271

Aliases

AMPK; 5'-AMP-activated protein kinase subunit beta-1; AMPK subunit beta-1; AMPKb

Background

Gene Name: PRKAB1

NCBI Gene Entry: [5564](#)

UniProt Entry: [Q9Y478](#)

Application Information

Molecular Weight: Predicted, 30 kDa; observed, 38 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat, bovine, pig

Applications Tested: Western blotting (WB), immunohistochemistry (IHC)

Immunogen

A synthesized peptide derived from human Phospho-AMPK beta 1 (S182)

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunohistochemistry (IHC): 1:100-1:200

Note: This product is for research use only.

Validation Data

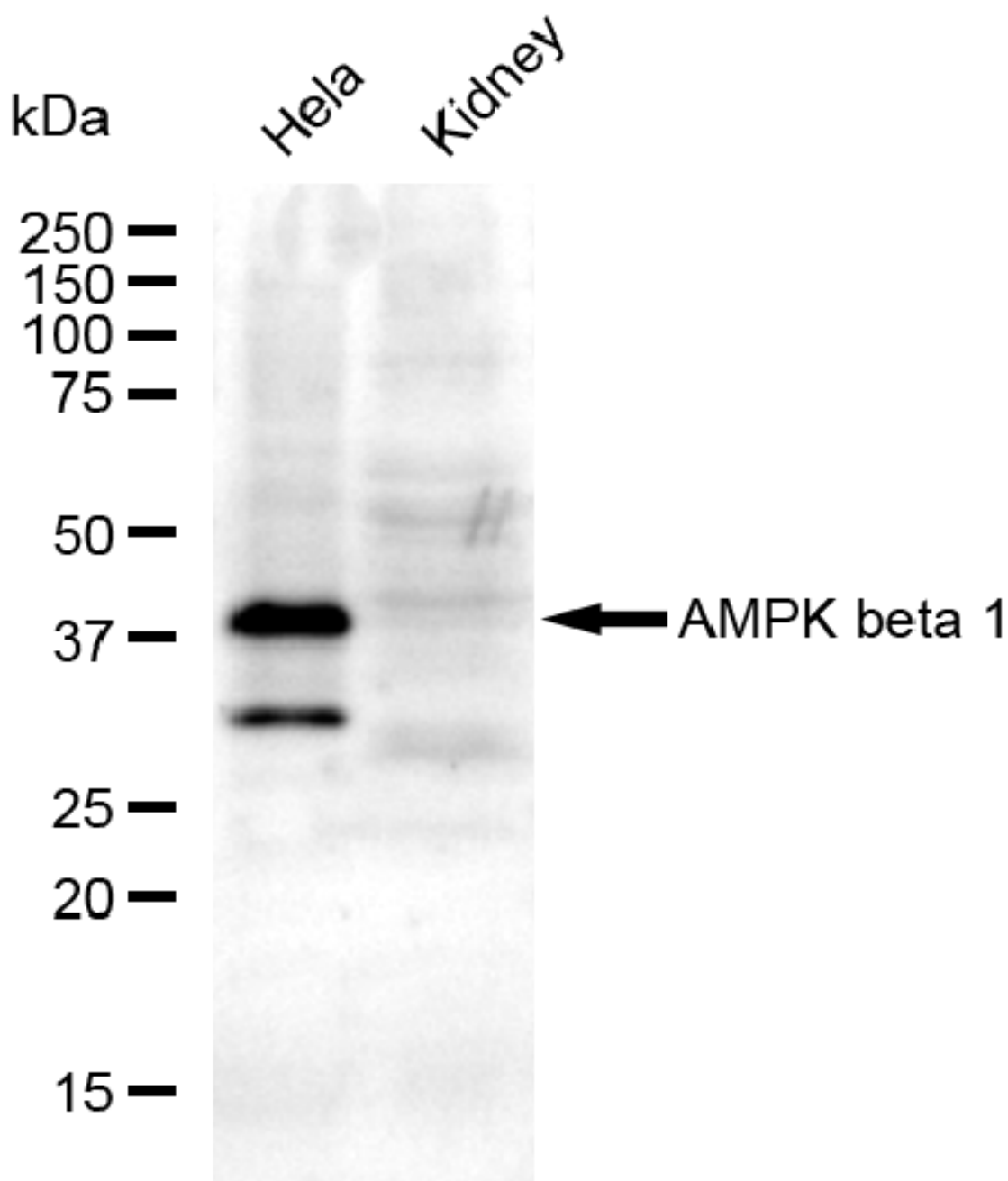
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SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

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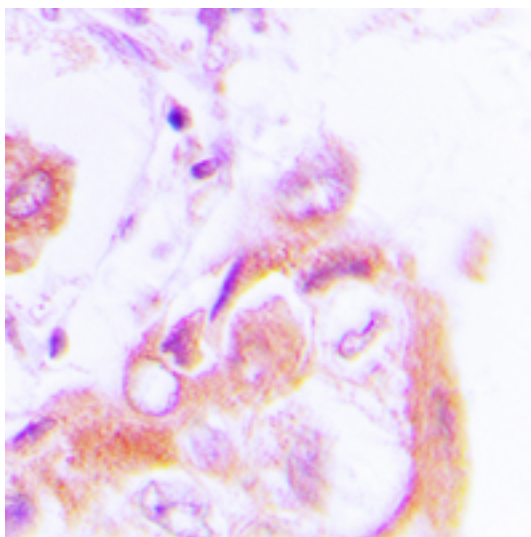
SALES@GENUINBIOTECH.COM
FAX: +1-540-855-7041

WWW.GENUINBIOTECH.COM



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Western blotting analysis using anti-Phospho-AMPK beta 1 (S182) antibody (Cat#U0271). Total lysates (30 µg) were loaded and separated by SDS-PAGE. The blot was incubated with anti-Phospho-AMPK beta 1 (S182) antibody (Cat#U0271, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQTM ECL Substrate Kit (Cat#226).



Immunohistochemical analysis of AMPK beta 1 (Phospho-S182) staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.