

Phospho-PFKFB2-S483 Rabbit Polyclonal Antibody

CABP0784



Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

55kDa

Calculated MW:

54kDa/58kDa

Applications:

WB

Reactivity:

Human

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

The protein encoded by this gene is involved in both the synthesis and degradation of fructose-2, 6-bisphosphate, a regulatory molecule that controls glycolysis in eukaryotes. The encoded protein has a 6-phosphofructo-2-kinase activity that catalyzes the synthesis of fructose-2, 6-bisphosphate, and a fructose-2, 6-bisphosphatase activity that catalyzes the degradation of fructose-2, 6-bisphosphate. This protein regulates fructose-2, 6-bisphosphate levels in the heart, while a related enzyme encoded by a different gene regulates fructose-2, 6-bisphosphate levels in the liver and muscle. This enzyme functions as a homodimer. Two transcript variants encoding two different isoforms have been found for this gene.

Immunogen information

Gene ID:

5208

Uniprot

O60825

Synonyms:

PFKFB2; PFK-2/FBPase-2

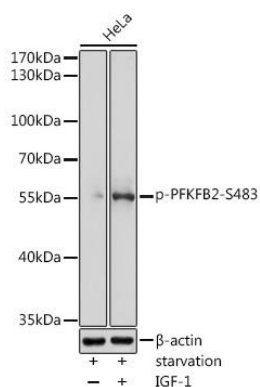
Immunogen:

A synthetic phosphorylated peptide around S483 of human PFKFB2 (NP_006203.2).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of HeLa cells, using Phospho-PFKFB2-S483 antibody (CABP0784) at 1:2000 dilution. HeLa cells were treated by IGF-1 (50 ng/ml) at 37°C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 5s.