Leader in Biomolecular Solutions for Life Science

Phospho-PFKFB2-S483 Rabbit pAb

Catalog No.: AP0784



Basic Information

Observed MW 55kDa

Calculated MW 58kDa

Category Primary antibody

Applications WB,ELISA

Cross-Reactivity Human

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-biphosphatase 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.

Recommended Dilutions

WB	1:1000 - 1:5000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements
	requirements.

Immunogen Information

Gene ID 5208

Swiss Prot 060825

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

PFK-2/FBPase-2; Phospho-PFKFB2-S483

Contact

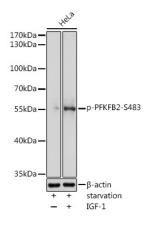
a 400-999-6126 x cn.market@abclonal.com.cn y www.abclonal.com.cn

Product Information

Source Rabbit **Isotype** IgG Purification Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.



Western blot analysis of lysates from HeLa cells, using Phospho-PFKFB2-S483 Rabbit pAb (AP0784) at 1:2000 dilution. HeLa cells were treated with IGF-1 (50 ng/ml) at 37°C for 30 minutes after serumstarvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.