

Anti-PFKFB4 antibody

Cat. No.	ml261412
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-PFKFB4 rabbit polyclonal antibody
Applications	ELISA, WB
Immunogen	Synthetic peptide of human PFKFB4
Reactivity	Human, Mouse, Rat
Content	0.6 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	PFKFB4
Full name	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4
Synonyms	
Swissprot	Q16877

Target Background

The protein encoded by this gene is one of four bifunctional kinase/phosphatases that regulate the concentration of the glycolytic byproduct fructose-2,6-bisphosphate (F2,6BP). The encoded protein is highly expressed in cancer cells and is induced by hypoxia. This protein is essential to the survival of cancer cells under conditions of hypoxia, because it increases the amount of F2,6BP and ATP at a time when the cell cannot produce much of them. This finding suggests that this protein may be a good target for disruption in cancer cells, hopefully imperiling their survival. Several transcript variants encoding different isoforms have been found for this gene.

订购热线: 4008-898-798

Applications

Western blotting

Predicted band size: 54 kDa

Positive control: Human testis tissue lysate

Recommended dilution: 200-1000

Gel: 8%SDS-PAGE

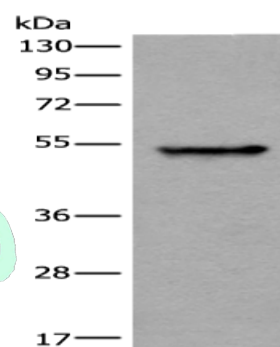
Lysate: 40 µg

Lane: Human testis tissue lysate

Primary antibody: ml261412(PFKFB4 Antibody) at dilution 1/250

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 minutes



ELISA

Recommended dilution: 2000-5000

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