antibodies.com

# Datasheet for ABIN3029823 anti-PFKFB3 antibody (AA 454-484)

5 Images



### Overview

Quantity:	0.4 mL
Target:	PFKFB3
Binding Specificity:	AA 454-484
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PFKFB3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	A portion of amino acids 454-484 from the human protein was used as the immunogen for this PFKFB3 antibody.
lsotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Rat
Purification:	Purified
Target Details	
Target:	PFKFB3

Target.	FT KLD5
Alternative Name:	PFKFB3 (PFKFB3 Products)
Background: Protein kinases are enzymes that transfer a phosphate group from a phosphate donc	

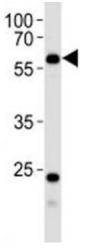
Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN3029823 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

	generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this	
	basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells,	
	regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement	
	and cell movement, apoptosis, and differentiation. With more than 500 gene products, the	
	protein kinase family is one of the largest families of proteins in eukaryotes. The family has	
	been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or	
	serine/threonine (STK) kinase catalytic domains. The AGC kinase group consists of 63 kinases	
	including the cyclic nucleotide-regulated protein kinase (PKA & PKG) family, the diacylglycerol-	
	activated/phospholipid-dependent protein kinase C (PKC) family, the related to PKA and PKC	
	(RAC/Akt) protein kinase family, the kinases that phosphorylate G protein-coupled receptors	
	family (ARK), and the kinases that phosphorylate ribosomal protein S6 family (RSK).	
UniProt:	Q16875	
Pathways:	AMPK Signaling, Regulation of Carbohydrate Metabolic Process	
Application Details		
Application Notes:	Titration of the PFKFB3 antibody may be required due to differences in protocols and	
	secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Aliquot the PFKFB3 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw	

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN3029823 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

cycles.

250 130 95 72	
55	1
36	
28	



### Western Blotting

**Image 1.** Western blot analysis of PFKFB3 antibody and CEM lysate

### Immunohistochemistry

**Image 2.** IHC analysis of FFPE human hepatocarcinoma tissue stained with the PFKFB3 antibody

### Western Blotting

**Image 3.** Western blot analysis of lysate from human kidney tissue using PFKFB3 antibody at 1:1000.

Please check the product details page for more images. Overall 5 images are available for ABIN3029823.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN3029823 | 09/11/2023 | Copyright antibodies-online. All rights reserved.