

# Product Datasheet

## 6 Phosphofructo 2 Kinase Antibody H00005209-D01P

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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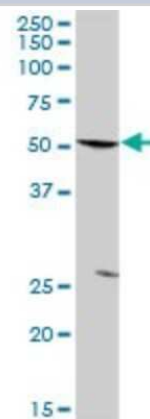


**H00005209-D01P****6 Phosphofructo 2 Kinase Antibody**

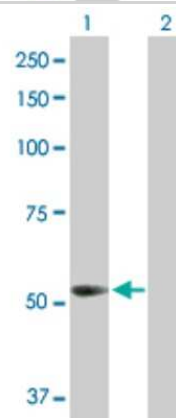
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.4)
<b>Product Description</b>	
<b>Description</b>	Quality control test: Antibody reactive against mammalian transfected lysate.
<b>Host</b>	Rabbit
<b>Gene ID</b>	5209
<b>Gene Symbol</b>	PFKFB3
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	PFKFB3 - 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3,
<b>Immunogen</b>	PFKFB3 (NP_004557.1, 1 a.a. - 520 a.a.) full-length human protein. MPLELTQSRVQKIWVPVDHRPSLPRSCGPKLTNSPTVIVMVGLPARGKTYISKK LTRYLNWIGVPTKVFNVGEYRREAVKQYSSYNFFRPDNEEAMKVRKQCALAAL RDVKSYLEKEGGQIAVFDTNTTTRERRHMILHFAKENDFKAFFIESVCDDPTVV ASNIMEVKISSPDYKDCNSAEAMDDFMKRISCYEASYQPLDPDKCDRDLSLIKVI DVGRRFLVNRVQDHIQSRIVYYLMNIHVQPRTIYLCRHGENEHLQGRIGGDSG LSSRGKKFASALSKEVVEEQLKDLRVWTSQKSTIQTAEALRPLPYEQWKALNEI DAGVCEELTYEEIRDTYPEEYALREQDKYYYRYPTGESYQDLVQRLEPVIMELE RQENLVICHQAVLRCLLAYFLDKSAEEMPYLKCPHTVCLKLTPVAYGCRVESI YLNVESVCTHRERSEDAKKGNPLMRRNSVTPLASPEPTKKPRINSFEEHVAS TSAALPSCPPEVPTQLPGQNMKGSRSSADSSRKH
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot
<b>Recommended Dilutions</b>	Western Blot
<b>Application Notes</b>	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB and also on transfected lysate in WB. GST tag alone is used as a negative control.

## Images

Western Blot: 6 Phosphofructo 2 Kinase Antibody [H00005209-D01P] - Analysis of PFKFB3 expression in human kidney.



Western Blot: 6 Phosphofructo 2 Kinase Antibody [H00005209-D01P] - Analysis of PFKFB3 expression in transfected 293T cell line by PFKFB3 polyclonal antibody. Lane 1: PFKFB3 transfected lysate (59.60 KDa). Lane 2: Non-transfected lysate.



## Publications

Yamamoto Takehiro, Takano Naoharu, Ishiwata Kyoko et al. Reduced methylation of PFKFB3 in cancer cells shunts glucose towards the pentose phosphate pathway. *Nat Commun.* 2014-03-17 [PMID: 24633012] (WB, Human)



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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