

# Product Datasheet

## PFKFB2 Antibody NBP1-45238

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-45238**

PFKFB2 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

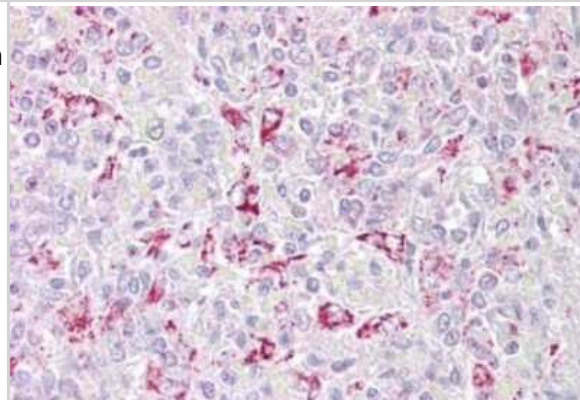
Product Description	
Description	Novus Biologicals Goat PFKFB2 Antibody (NBP1-45238) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-PFKFB2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	5208
Gene Symbol	PFKFB2
Species	Human, Bovine, Canine
Reactivity Notes	Expected from sequence similarity: Canine, Bovine
Specificity/Sensitivity	This antibody is expected to recognize both reported isoforms (NP_006203.2; NP_001018063.1).
Immunogen	Peptide with sequence SEQNNNSYETKTP-C corresponding to N-Terminus according to NP_006203.2, NP_001018063.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot detection limit 1:16000, Immunohistochemistry 1ug/ml, Immunohistochemistry-Paraffin, Peptide ELISA Detection limit 1:16000
Application Notes	Western blot: Preliminary experiments gave an approx 75Da band in Human Heart lysates after 1ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 58.5kDa according to NP_006203.2 and 54.4kDa according to NP_001018063.1. The 75kDa band was successfully blocked by incubation with the immunizing peptide IHC: Paraffin embedded Human Spleen.



## Images

Immunohistochemistry-Paraffin: PFKFB2 Antibody [NBP1-45238] - 2.5ug/ml staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Arden C, Hampson LJ, Huang GC et al. A role for PFK-2/FBPase-2, as distinct from fructose 2,6-bisphosphate, in regulation of insulin secretion in pancreatic beta-cells. *Biochem J* 2008-04-01 [PMID: 18039179]



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### Products Related to NBP1-45238

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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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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