

Datasheet for ABIN570784
anti-PFKFB2 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	PFKFB2
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PFKFB2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	PFKFB2
Immunogen:	Peptide with sequence SEQNNNSYETKTP-C, from the N Terminus of the protein sequence according to NP_006203.2, NP_001018063.1.
Sequence:	SEQNNNSYET KTP
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_006203.2, NP_001018063.1).
Cross-Reactivity:	Cow, Dog, Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target: PFKFB2

Alternative Name: PFKFB2 ([PFKFB2 Products](#))

Background: PFKFB2, 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2, DKFZp781D2217, MGC138308, MGC138310, PFK-2/FBPase-2, 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 2, 6PF-2-K/Fru-2,6-P2ASE heart-type isozyme, OTTHUMP00000034285, OTTHUMP00000034286, P

Gene ID: 5208

NCBI Accession: [NP_006203](#), [NP_001018063](#)

Pathways: [PI3K-Akt Signaling](#), [Positive Regulation of Peptide Hormone Secretion](#), [Regulation of Carbohydrate Metabolic Process](#)

Application Details

Application Notes: Immunohistochemistry: Paraffin embedded Human Spleen. Recommended concentration: 2.5 µg/mL.
Western Blot: Preliminary experiments gave an approx 75Da band in Human Heart lysates after 1 µg/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 58.5 kDa
Peptide ELISA: antibody detection limit dilution 1:16000.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

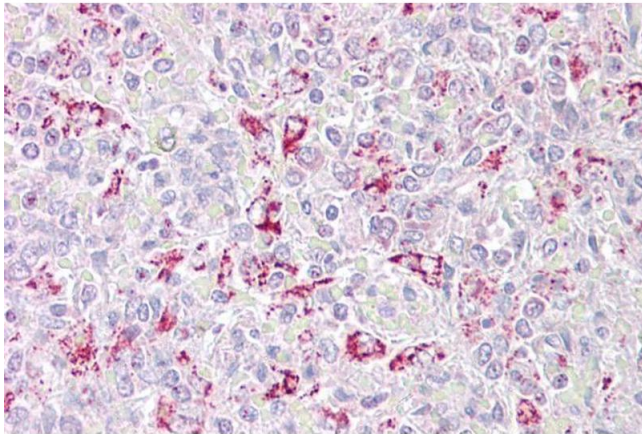
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



Immunohistochemistry

Image 1. ABIN570784 (2.5µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.