

Datasheet for ABIN391976  
**anti-IGFBP3 antibody (AA 162-189)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	400 µL
Target:	IGFBP3
Binding Specificity:	AA 162-189
Reactivity:	Human, Mouse, Hamster
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IGFBP3 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This IGFBP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 162-189 amino acids from human IGFBP3.
Clone:	RB28430
Isotype:	Ig Fraction
Predicted Reactivity:	B, Pig
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	IGFBP3
Alternative Name:	IGFBP3 ( <a href="#">IGFBP3 Products</a> )

## Target Details

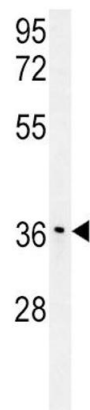
Background:	IGFBP3 is a member of the insulin-like growth factor binding protein (IGFBP) family with an IGFBP domain and a thyroglobulin type-I domain. This protein forms a ternary complex with insulin-like growth factor acid-labile subunit (IGFALS) and either insulin-like growth factor (IGF) I or II. In this form, it circulates in the plasma, prolonging the half-life of IGFs and altering their interaction with cell surface receptors.
Molecular Weight:	31674
Gene ID:	3486
NCBI Accession:	<a href="#">NP_000589</a> , <a href="#">NP_001013416</a>
UniProt:	<a href="#">P17936</a>
Pathways:	<a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Skeletal Muscle Fiber Development</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a> , <a href="#">Autophagy</a> , <a href="#">Smooth Muscle Cell Migration</a> , <a href="#">Growth Factor Binding</a>

## Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. WB: 1:1000. WB: 1:1000
Restrictions:	For Research Use only

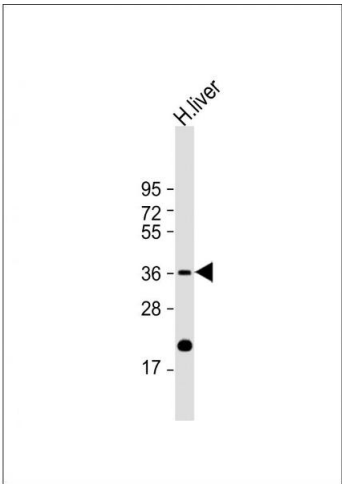
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



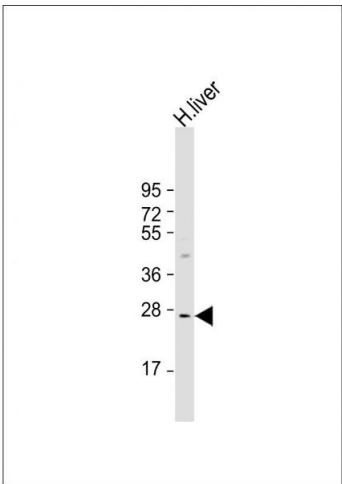
#### Western Blotting

**Image 1.** IGFBP3- (ABIN391976 and ABIN2841769) western blot analysis in mouse stomach tissue lysates (15  $\mu$ g/lane). This demonstrates the IGFBP antibody detected IGFBP protein (arrow).



#### Western Blotting

**Image 2.** Anti-IGFBP-3 Antibody at 1:1000 dilution + human liver lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 32 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



#### Western Blotting

**Image 3.** Anti-IGFBP-3- Antibody at 1:1000 dilution + human liver lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 32 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN391976.