# IGFBP1 Rabbit mAb

Catalog No.: A11672 Recombinant 2 Publications



## **Basic Information**

#### **Observed MW**

30kDa

#### **Calculated MW**

28kDa

### Category

Primary antibody

### **Applications**

WB,ELISA

### **Cross-Reactivity**

Human

#### CloneNo number

ARC0671

# **Background**

This gene is a member of the insulin-like growth factor binding protein (IGFBP) family and encodes a protein with an IGFBP N-terminal domain and a thyroglobulin type-I domain. The encoded protein, mainly expressed in the liver, circulates in the plasma and binds both insulin-like growth factors (IGFs) I and II, prolonging their half-lives and altering their interaction with cell surface receptors. This protein is important in cell migration and metabolism. Low levels of this protein may be associated with impaired glucose tolerance, vascular disease and hypertension in human patients.

### **Recommended Dilutions**

**WB** 1:500 - 1:1000

**ELISA** 

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

**Gene ID Swiss Prot** 3484 P08833

### **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

# **Synonyms**

AFBP; IBP1; PP12; IGF-BP25; hIGFBP-1; IGFBP1

### **Contact**

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### **Product Information**

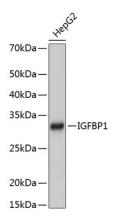
Source Isotype **Purification** Rabbit IgG Affinity purification

#### Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

# **Validation Data**



Western blot analysis of lysates from HepG2 cells, using IGFBP1 Rabbit mAb (A11672) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins:  $25\mu g$  per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.