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Datasheet for ABIN7430600
anti-IGFBP3 antibody (AA 106-241)

2 Images

Overview

Quantity:	100 µL
Target:	IGFBP3
Binding Specificity:	AA 106-241
Reactivity:	Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IGFBP3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Insulin Like Growth Factor Binding Protein 3 (IGFBP3)
Immunogen:	Recombinant Insulin Like Growth Factor Binding Protein 3 (IGFBP3) corresponding to Leu106~Asp241 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against IGFBP3. It has been selected for its ability to recognize IGFBP3 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

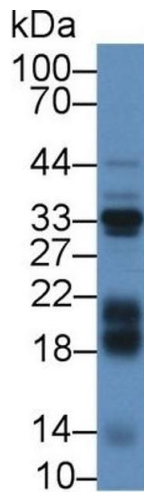
Target:	IGFBP3
Alternative Name:	Insulin Like Growth Factor Binding Protein 3 (IGFBP3 Products)
Background:	BP53, IBP3, Growth Hormone-Dependent Binding Protein, Acid Stable Subunit Of The 140 K IGF Complex
Pathways:	Myometrial Relaxation and Contraction , Regulation of Muscle Cell Differentiation , Skeletal Muscle Fiber Development , Regulation of Carbohydrate Metabolic Process , Autophagy , Smooth Muscle Cell Migration , Growth Factor Binding

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

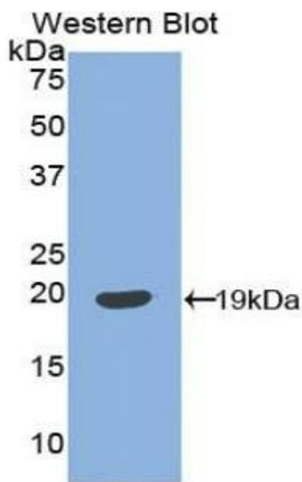
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of IGFBP3 in Mouse Liver lysate using Polyclonal Antibody to Insulin Like Growth Factor Binding Protein 3 (IGFBP3)



Western Blotting

Image 2. Detection of Recombinant IGFBP3, Bovine using Polyclonal Antibody to Insulin Like Growth Factor Binding Protein 3 (IGFBP3)