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anti-IGFBP3 antibody (AA 137-274)

2 Images



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Overview

Quantity:	100 μL
Target:	IGFBP3
Binding Specificity:	AA 137-274
Reactivity:	Rat
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) corresdonding to Asn137~Pro274 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

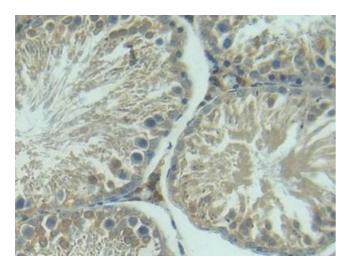
Application Notes:

	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

Western blotting: $0.5-2 \mu g/mL$

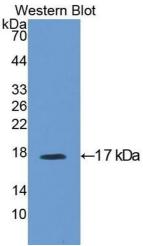
Handling

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



Immunohistochemistry

Image 1. Detection of IGFBP3 in Rat Testis Tissue using Polyclonal Antibody to Insulin Like Growth Factor Binding Protein 3 (IGFBP3)



Western Blotting

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