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anti-IGF1 antibody (AA 33-102)





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Overview

Quantity:	100 μL
Target:	IGF1
Binding Specificity:	AA 33-102
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IGF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Insulin Like Growth Factor 1 (IGF1)
Immunogen:	Recombinant Insulin Like Growth Factor 1 (IGF1) corresdonding to Gly33~Ala102 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against IGF1. It has been selected for its ability to recognize IGF1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

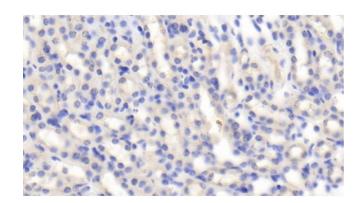
Target:	IGF1
Alternative Name:	Insulin Like Growth Factor 1 (IGF1 Products)
Background:	IGFI, IGF1A, IBP1, MGF, Somatomedin C, Mechano Growth Gactor
Pathways:	RTK Signaling, Intracellular Steroid Hormone Receptor Signaling Pathway, Peptide Hormone Metabolism, Hormone Activity, Regulation of Intracellular Steroid Hormone Receptor Signaling, Regulation of Hormone Metabolic Process, Regulation of Hormone Biosynthetic Process, Stem Cell Maintenance, Glycosaminoglycan Metabolic Process, Regulation of Carbohydrate Metabolic Process, Autophagy, Smooth Muscle Cell Migration, Activated T Cell Proliferation, Positive Regulation of fat Cell Differentiation

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

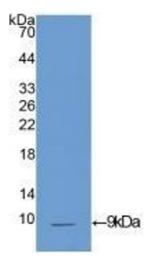
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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



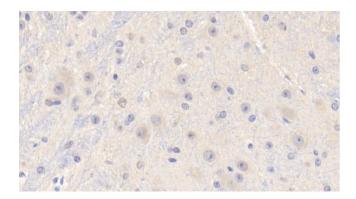
Immunohistochemistry

Image 1. Detection of IGF1 in Mouse Kidney Tissue using Polyclonal Antibody to Insulin Like Growth Factor 1 (IGF1)



Western Blotting

Image 2. Detection of Recombinant IGF1, Mouse using Polyclonal Antibody to Insulin Like Growth Factor 1 (IGF1)



Immunohistochemistry

Image 3. Detection of IGF1 in Mouse Cerebrum Tissue using Polyclonal Antibody to Insulin Like Growth Factor 1 (IGF1)

Please check the product details page for more images. Overall 4 images are available for ABIN7429310.