

Datasheet for ABIN7425638
anti-IGFBP4 antibody (AA 22-258)

3 Images

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Overview

Quantity:	100 µL
Target:	IGFBP4
Binding Specificity:	AA 22-258
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IGFBP4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Insulin Like Growth Factor Binding Protein 4 (IGFBP4)
Immunogen:	Recombinant Insulin Like Growth Factor Binding Protein 4 (IGFBP4) corresponding to Asp22~Glu258 with N-terminal His Tag
Clone:	A3
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against IGFBP4. It has been selected for its ability to recognize IGFBP4 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

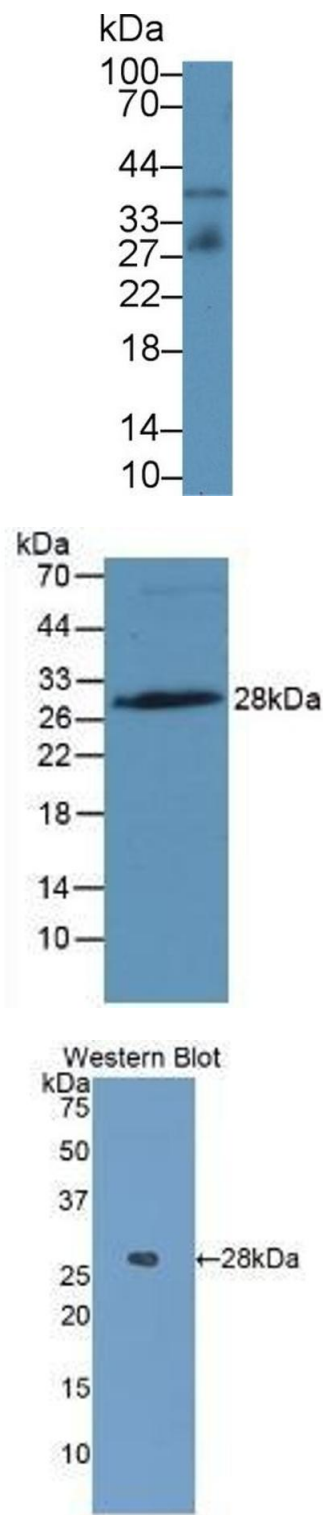
Target:	IGFBP4
Alternative Name:	Insulin Like Growth Factor Binding Protein 4 (IGFBP4 Products)
Background:	BP4, HT29-IGFBP, IBP4
Pathways:	WNT Signaling , Myometrial Relaxation and Contraction , Regulation of Carbohydrate Metabolic Process

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



Western Blotting

Image 1. Detection of IGFBP4 in Rat Uterus lysate using Monoclonal Antibody to Insulin Like Growth Factor Binding Protein 4 (IGFBP4)

Western Blotting

Image 2. Detection of IGFBP4 in Rat Placenta Tissue using Monoclonal Antibody to Insulin Like Growth Factor Binding Protein 4 (IGFBP4)

Western Blotting

Image 3. Detection of Recombinant IGFBP4, Human using Monoclonal Antibody to Insulin Like Growth Factor Binding Protein 4 (IGFBP4)