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Datasheet for ABIN7267909
anti-IGFBP4 antibody (AA 178-258)

1 Image

Overview

Quantity:	100 µL
Target:	IGFBP4
Binding Specificity:	AA 178-258
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IGFBP4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	IGFBP4 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 178-258 of human IGFBP4 (NP_001543.2).
Sequence:	LHRALERLAA QSQRTHEDLY IIPINCDRN GNFHPKQCHP ALDGQRGKCW CVDRKTGVKL PGGLEPKGEL DCHQLADSFR E
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

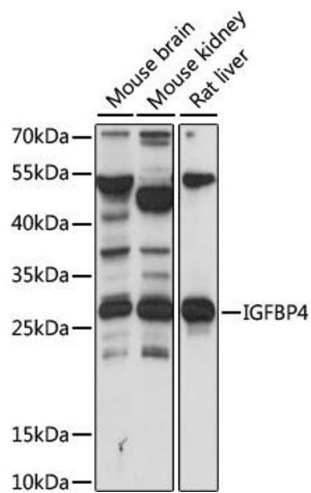
Target:	IGFBP4
Alternative Name:	IGFBP4 (IGFBP4 Products)
Background:	<p>This gene is a member of the insulin-like growth factor binding protein (IGFBP) family and encodes a protein with an IGFBP domain and a thyroglobulin type-I domain. The protein binds both insulin-like growth factors (IGFs) I and II and circulates in the plasma in both glycosylated and non-glycosylated forms. Binding of this protein prolongs the half-life of the IGFs and alters their interaction with cell surface receptors.,IGFBP4,BP-4,HT29-IGFBP,IBP4,IGFBP-4,Signal Transduction,Cell Biology & Developmental Biology,Cytoskeleton,Extracellular Matrix,Bone,Growth factor,Cardiovascular,Angiogenesis,IGFBP4</p>
Molecular Weight:	17kDa/27kDa
Gene ID:	3487
UniProt:	P22692
Pathways:	WNT Signaling , Myometrial Relaxation and Contraction , Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using IGFBP4 antibody (ABIN7267909) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 15s.