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## Datasheet for ABIN652262 anti-IGFBP4 antibody (AA 96-124)

2 Images



### Overview

Quantity:	400 µL
Target:	IGFBP4
Binding Specificity:	AA 96-124
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IGFBP4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This IGFBP4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 96-124 amino acids from the Central region of human IGFBP4.
Clone:	RB20480
lsotype:	Ig Fraction
Predicted Reactivity:	Sh
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

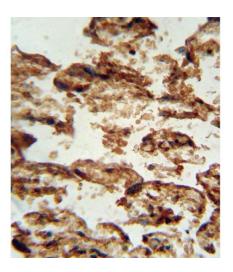
## Target Details

Target:	IGFBP4
Alternative Name:	IGFBP4 (IGFBP4 Products)

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Target Details	
Background:	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.
Molecular Weight:	27934
Gene ID:	3487
NCBI Accession:	NP_001543
UniProt:	P22692
Pathways:	WNT Signaling, Myometrial Relaxation and Contraction, Regulation of Carbohydrate Metabolic Process
Application Details	
Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

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#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** IGFBP4 antibody (Center) (ABIN652262 and ABIN2841131) immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the IGFBP4 antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

#### Western Blotting

**Image 2.** IGFBP4 Antibody (Center) (ABIN652262 and ABIN2841131) western blot analysis in mouse lung tissue lysates (15 µg/lane).This demonstrates the IGFBP4 antibody detected IGFBP4 protein (arrow).

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