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# Datasheet for ABIN7267910 anti-IGFBP7 antibody

4 Images



#### Overview

Quantity:	100 µL
Target:	IGFBP7
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This IGFBP7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Purpose:	IGFBP7 Rabbit mAb
Immunogen:	A synthesized peptide derived from human IGFBP7
Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	IGFBP7
Alternative Name:	IGFBP7 (IGFBP7 Products)
Background:	This gene encodes a member of the insulin-like growth factor (IGF)-binding protein (IGFBP)

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## Target Details

family. IGFBPs bind IGFs with high affinity, and regulate IGF availability in body fluids and
tissues and modulate IGF binding to its receptors. This protein binds IGF-I and IGF-II with
relatively low affinity, and belongs to a subfamily of low-affinity IGFBPs. It also stimulates
prostacyclin production and cell adhesion. Alternatively spliced transcript variants encoding
different isoforms have been described for this gene, and one variant has been associated with
retinal arterial macroaneurysm (PMID:21835307). [provided by RefSeq, Dec 2011],AGM, FSTL2,
IBP-7, IGFBP-7, IGFBP-7v, IGFBPRP1, MAC25, PSF, RAMSVPS, TAF,Cancer,Cell Biology &
Developmental Biology,Growth factors,Signal Transduction,Tumor suppressors,IGFBP7

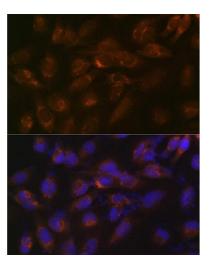
Molecular Weight:	29kDa
Gene ID:	3490
UniProt:	Q16270
Pathways:	Growth Factor Binding

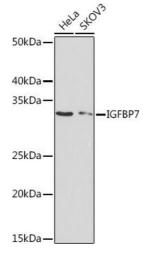
## Application Details

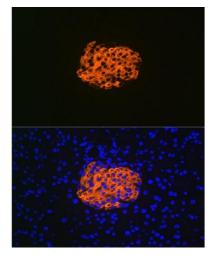
Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,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.







#### Immunofluorescence

**Image 1.** Immunofluorescence analysis of U-251 MG cells using IGFBP7 Rabbit mAb (ABIN7267910) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

#### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using IGFBP7 Rabbit mAb (ABIN7267910) 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: 90s.

#### Immunofluorescence

**Image 3.** Immunofluorescence analysis of mouse pancreas using IGFBP7 Rabbit mAb (ABIN7267910) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Please check the product details page for more images. Overall 4 images are available for ABIN7267910.

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