# antibodies .- online.com







## anti-IGFBP7 antibody (Internal Region)

**Images** 



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Target:

Quantity:	100 μL
Target:	IGFBP7
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IGFBP7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunofluorescence (IF)
Product Details	
Immunogen:	A synthesized peptide derived from human IGFBP7, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	IGFBP7 Antibody detects endogenous levels of total IGFBP7.
Predicted Reactivity:	Bovine,Sheep,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).
Target Details	
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IGFBP7

### **Target Details**

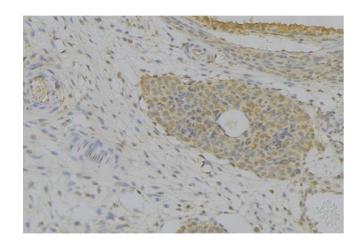
Alternative Name:	IGFBP7 (IGFBP7 Products)
Background:	Description: Binds IGF-I and IGF-II with a relatively low affinity. Stimulates prostacyclin (PGI2) production. Stimulates cell adhesion.  Gene: IGFBP7
Molecular Weight:	29kDa
Gene ID:	3490
UniProt:	Q16270
Pathways:	Growth Factor Binding

## **Application Details**

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:100, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

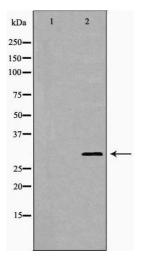
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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. Stable for 12 months from date of receipt.
Expiry Date:	12 months



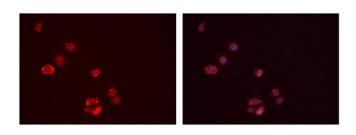
#### **Immunohistochemistry**

**Image 1.** ABIN6277388 at 1/100 staining Human uterus tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22<sub>i</sub>aC. An HRP conjugated goat anti-rabbit antibody was used as the secondary



#### **Western Blotting**

**Image 2.** Western blot analysis of extracts of Mouse brain tissue lysate, using IGFBP7antibody. The lane on the left is treated with the antigen-specific peptide.



#### Immunofluorescence (fixed cells)

**Image 3.** ABIN6277388 staining Hela cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25¡ãC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37¡ãC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600 was used as secondary antibod