# antibodies -online.com







## anti-IGFBP3 antibody (AA 186-292)

**Images** 



Publication



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Quantity:	100 μL
Target:	IGFBP3
Binding Specificity:	AA 186-292
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IGFBP3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human IGFBP3
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse
Purification:	Purified by Protein A.

#### **Target Details**

Target: IGFBP3

### **Target Details**

Alternative Name:	IGFBP3 (IGFBP3 Products)
Background:	Synonyms: IBP3, BP-53, Insulin-like growth factor-binding protein 3, IBP-3, IGF-binding protein 3, IGFBP-3, IGFBP3  Background: IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors. Also exhibits IGF-independent antiproliferative and apoptotic effects mediated by its receptor TMEM219/IGFBP-3R.
Gene ID:	3486
UniProt:	P17936
Pathways:	Myometrial Relaxation and Contraction, Regulation of Muscle Cell Differentiation, Skeletal  Muscle Fiber Development, Regulation of Carbohydrate Metabolic Process, Autophagy, Smooth  Muscle Cell Migration, Growth Factor Binding

## **Application Details**

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 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

#### Handling

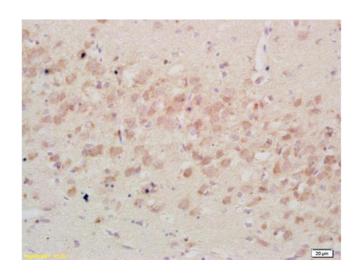
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

#### **Publications**

Product cited in:

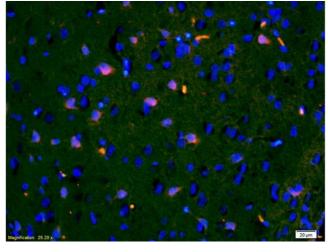
Yuan, Han, Cong, Ge, Ma, Dai, Li, Bi: "Docetaxel-loaded solid lipid nanoparticles suppress breast cancer cells growth with reduced myelosuppression toxicity." in: **International journal of nanomedicine**, Vol. 9, pp. 4829-46, (2014) (PubMed).

#### **Images**



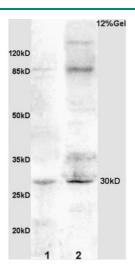
#### **Immunohistochemistry**

**Image 1.** Formalin-fixed and paraffin embedded rat brain tissue labeled Anti-IGFBP3 Polyclonal Antibody, Unconjugated (ABIN686497) at 1:200, followed by conjugation to the secondary antibody and DAB staining



#### **Immunofluorescence**

**Image 2.** Formalin-fixed and paraffin-embedded rat brain labeled with Anti-IGFBP3 Polyclonal Antibody, Unconjugated (ABIN686497) 1:200, overnight at 4°C, The secondary antibody was Goat Anti-Rabbit IgG,Cy3 conjugated used at 1:200 dilution for 40 minutes at 37°C.



#### **SDS-PAGE**

**Image 3.** L1 rat kidney lysates L2 rat brain lysates probed with Anti IGFBP3 Polyclonal Antibody, Unconjugated (ABIN686497) at 1:200 overnight at 4 °C. Followed by conjugation to secondary antibody at 1:3000 for 90 min at 37 °C. Predicted band 30kD. Observed band size:30kD.