



IGFBP7 Polyclonal Antibody

Catalog No	YP-Ab-15926
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	IHC;IF;ELISA
Gene Name	IGFBP7
Immunogen	The antiserum was produced against synthesized peptide derived from human IBP7. AA range:191-240
Specificity	IGFBP7 Polyclonal Antibody detects endogenous levels of IGFBP7 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	IBP7;IBP-7;IGF-binding protein 7;IGFBP-7;Insulin-like growth factor-binding protein 7;IGFBP7;MAC25;PSF;IGFBP-rP1;MAC25 protein;PGI2-stimulating factor;Prostacyclin-stimulating factor;Tumor-derived adhesion factor;TAF
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Secreted.
Tissue Specificity	Leptomeninges,Testis,Urinary bladder carcinoma,Uterus,
Function	function:Binds IGF-I and IGF-II with a relatively low affinity. Stimulates prostacyclin (PGI2) production. Stimulates cell adhesion.,PTM:N-glycosylated., similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain., similarity:Contains 1 IGFBP N-terminal domain.,similarity:Contains 1 Kazal-like domain.,subunit:May interact with VPS24/CHMP3; the relevance of such interaction however remains unclear.,
Background	This gene encodes a member of the insulin-like growth factor (IGF)-binding protein (IGFBP) 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],

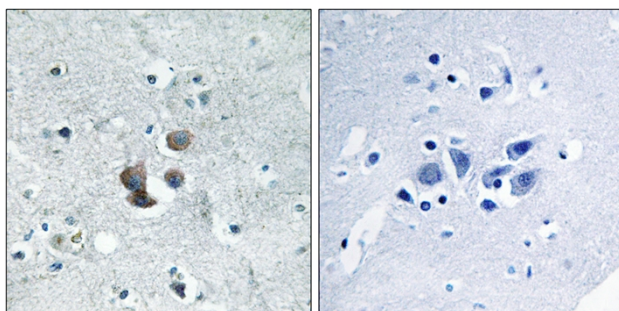
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using IBP7 Antibody. The picture on the right is blocked with the synthesized peptide.