



IGFBP1 Polyclonal Antibody

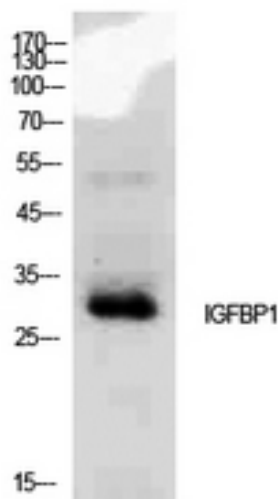
Catalog No	YP-Ab-16055
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	IGFBP1
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human IGFBP1. AA range:91-140
Specificity	IGFBP1 Polyclonal Antibody detects endogenous levels of IGFBP1 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	WB: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	AFBP;hIGFBP 1;IBP 1;IBP1;IGF binding protein 1;IGF BP25;IGFBP 1;IGFBP1; Placental protein 12;PP12;Insulin-like growth factor-binding protein 1;IBP-1;IGF-binding protein 1;IGFBP-1
Observed Band	28kD
Calculated Molecular Weight	28kD
Cell Pathway	Secreted.
Tissue Specificity	Amniotic fluid,Decidua,Liver,Placenta,Skin,
Function	function: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. Promotes cell migration.,PTM:Phosphorylated; probably by casein kinase II. Alters the affinity of the protein for IGFs.,similarity:Contains 1 IGFBP N-terminal domain.,similarity:Contains 1 thyroglobulin type-1 domain.,subunit:Binds equally well IGF1 and IGF2.,



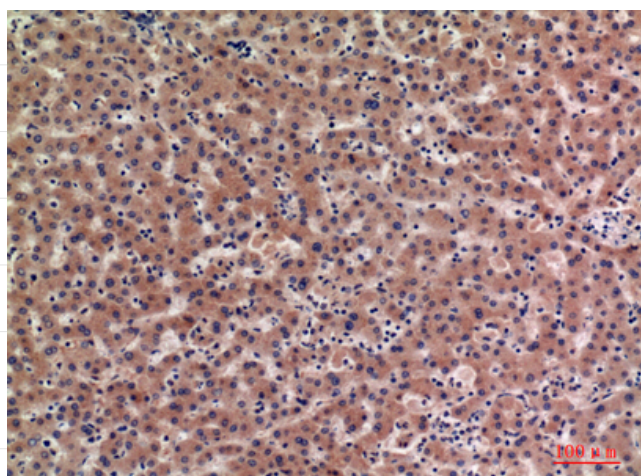
Background	This gene is a member of the insulin-like growth factor binding protein (IGFBP) family and encodes a protein with an IGFBP domain and a thyroglobulin type-I domain. The protein binds both insulin-like growth factors (IGFs) I and II and circulates in the plasma. Binding of this protein prolongs the half-life of the IGFs and alters their interaction with cell surface receptors. [provided by RefSeq, Jul 2008],
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.



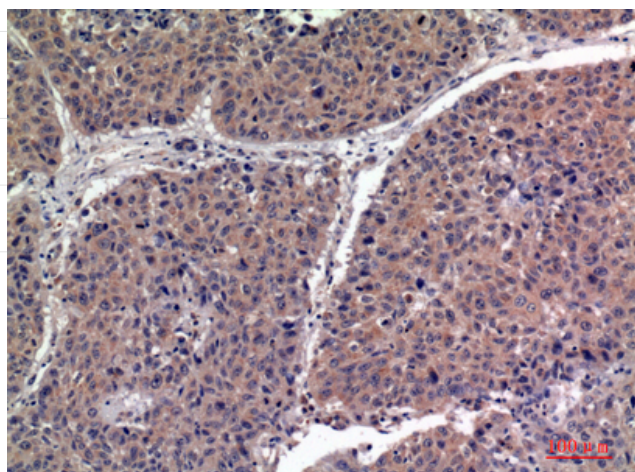
Products Images



Western Blot analysis of MCF7 cells using IGFBP1 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:100