



IBP4 Polyclonal Antibody

Catalog No	YP-Ab-05082
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	IGFBP4 IBP4
Immunogen	Synthesized peptide derived from human protein . at AA range: 100-180
Specificity	IBP4 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BP 4;HT29 IGFBP;IBP 4;IBP4;IGF binding protein 4;IGFBP 4;IGFBP4;IGFBP4 IBP4;Insulin-like growth factor-binding protein 4 (IBP-4) (IGF-binding protein 4) (IGFBP-4)
Observed Band	28kD
Calculated Molecular Weight	28kD
Cell Pathway	Secreted.
Tissue Specificity	Colon,Osteosarcoma,Placenta,
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., induction:By forskolin and N6,O2'dibutyl adenosine 3',5'-cyclic monophosphate, but not by 1,9 dideoxyforskolin.,similarity:Contains 1 IGFBP N-terminal domain., similarity:Contains 1 thyroglobulin type-1 domain.,subunit:Binds IGF2 more than IGF1.,
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 in both glycosylated and non-glycosylated forms. Binding of this protein prolongs the half-life of the IGFs and alters their interaction with cell surface receptors. [provided by RefSeq, Jul 2008],

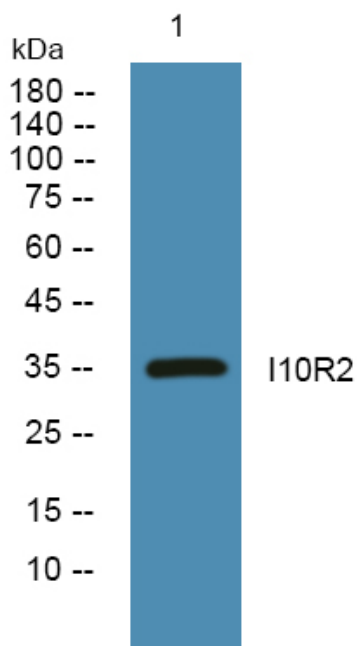
matters needing attention

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 lysates from A431 cells, primary antibody was diluted at 1:1000, 4° over night