

产品名称: IGFBP3 Rabbit Polyclonal Antibody

产品货号: APRab12430

产品概述 (Summary)

描述(Description)	Rabbit polyclonal Antibody
宿主(Host)	Rabbit
应用(Application)	WB,IHC,ICC/IF,ELISA
种属反应(Reactivity)	Human,Mouse
偶联物(Conjugation)	Unconjugated
修饰(Modification)	Unmodified
同种型(Isotype)	IgG
克隆(Clonality)	Polyclonal
剂型(Form)	Liquid
保存条件(Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液(Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化 (Purification)	Affinity purification

产品应用(Application)

稀释比(Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:500,ICC/IF 1:100-1:500,ELISA 1:5000-1:20000
分子量(Molecular Weight)	31kDa

抗原信息(Antigen Information)

基因名(Gene Name)	IGFBP3
别名(Alternative Names)	IGFBP3; IBP3; Insulin-like growth factor-binding protein 3; IBP-3; IGF-binding protein 3; IGFBP-3
基因 ID(Gene ID)	3486.0
SwissProt ID	P17936
免疫原(Immunogen)	The antiserum was produced against synthesized peptide derived from human IGFBP-3. AA range:151-200

研究背景 (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 forms a ternary complex with insulin-like growth factor acid-labile subunit (IGFALS) and either insulin-like growth factor (IGF) I or II. In this form, it circulates in the plasma, prolonging the half-life of IGFs and altering their interaction with cell surface receptors. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008],developmental stage:IGFBP3 levels are higher during extrauterine life and peak during puberty.,domain:The thyroglobulin type-1 domain mediates interaction with HN.,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:IGFBP3 levels increase in the presence of IGF1, insulin and other growth-stimulating factors such as growth hormone, epidermal growth factor, and phorbol esters.,online information:The Singapore human mutation and polymorphism database,similarity:Contains 1 IGFBP N-terminal domain.,similarity:Contains 1 thyroglobulin type-1 domain.,subunit:Interacts with XLKD1 (By similarity). Binds IGF2 more than IGF1. Forms a ternary complex of about 140 to 150 kDa with IGF1 or IGF2 and a 85 kDa glycoprotein (ALS). Interacts with HN.,tissue specificity:Expressed by most tissues.,

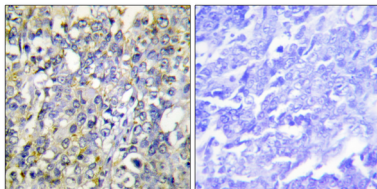
研究领域 (Research Area)

p53;

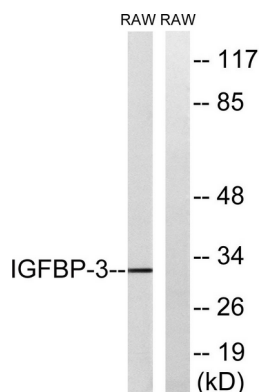
注意事项 (Note)

For research use only.

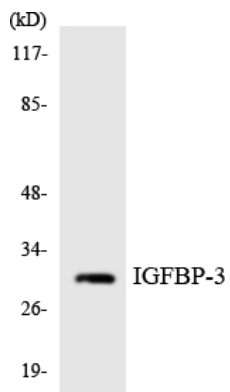
图片 (Image Data)



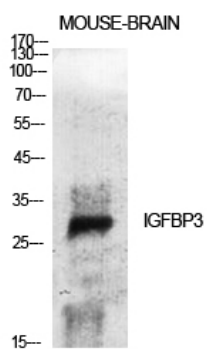
Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using IGFBP-3 Antibody. The picture on the right is blocked with the synthesized peptide.



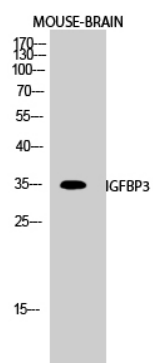
Western blot analysis of lysates from RAW246.7 cells, using IGFBP-3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HT-29 cells using IGFBP-3 antibody.



Western Blot analysis of various cells using IGFBP3 Polyclonal Antibody diluted at 1 : 500.



Western Blot analysis of MOUSE-BRAIN cells using IGFBP3 Polyclonal Antibody diluted at 1 : 500.

EnkiLife 优势产品推荐

产品类别	产品货号	产品名称
WB 解决方案	RA10020	2h 极速 WB 即用型全流程试剂盒
	RA10021	4h 快速 WB 即用型全流程试剂盒
	RA10042	5h 畅享版 WB 全流程试剂盒
	RA10037	校准级彩色预染蛋白 Marker (8-180kDa)
	RA10038	校准级彩色预染蛋白 Marker (10-250kDa)
	RA10039	校准级高分子彩色预染蛋白 Marker (25-400kDa)
TSA 多重荧光染色试剂盒	RA10008	TSA 双标三色多重荧光染色试剂盒 (mIHC)
	RA10009	TSA 三标四色多重荧光染色试剂盒 (mIHC)
	RA10010	TSA 四标五色多重荧光染色试剂盒 (mIHC)
	RA10011	TSA 五标六色多重荧光染色试剂盒 (mIHC)
	RA10012	TSA 六标七色多重荧光染色试剂盒 (mIHC)
IHC 检测试剂盒	RA10006	HRP Anti-Mouse/Rabbit IHC Detection System
	RA10007	Polymer-HRP Anti-Mouse/Rabbit IHC Detection System
抗体标记试剂盒	RE80004p	辣根过氧化物酶(HRP)抗体标记试剂盒
	RE80002q	Sulfo-NHS-生物素标记试剂盒
	RE80007p	Cy3 荧光素标记试剂盒
	RE80011p	Fluor488 荧光素标记试剂盒
	RE80017p	Fluor750 荧光素标记试剂盒
	RE80005p	藻红蛋白(R-PE) 抗体快速标记试剂盒
	RE80040	PE-Cy7 串联染料抗体快速标记试剂盒
稳转细胞系构建服务 (免费赠送全膜 WB 验证)	TS-0001	过表达稳转细胞系构建
	TS-0002	敲低稳转细胞系构建
	TS-0003	敲除细胞系构建

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