Product **Datasheet**

Anti-IGFBP3 Rabbit pAb

WL01195

For Research Use Only.Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-IGFBP3 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human	
Tested applications	WB	1:1000-1:2000
	IHC	1:100
	IF	1:500
Cellular localization	Nucleus, Secreted	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background

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. Seven IGFBPs have thus far been described, each differing in their tissue distribution, half-lives and modulation of IGF interactions with their receptors. For instance, IGFBP1 is negatively regulated by insulin production. The IGFBP1 gene is expressed at a high level during fetal liver development and in response to nutritional changes and diabetes. It has been suggested that IGFBP2 functions as chaperone, escorting IGFs to their target tissues. Research studies describe correlations between increased IGF-I levels and reduced levels of IGFBP3 with increased risks of developing cancer, including breast, colon, lung, and prostate cancer.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of IGFBP3.

Purification

Polyclonal antibody was purified by Protein A affinity chromatography.

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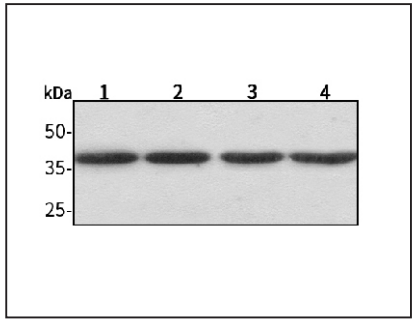
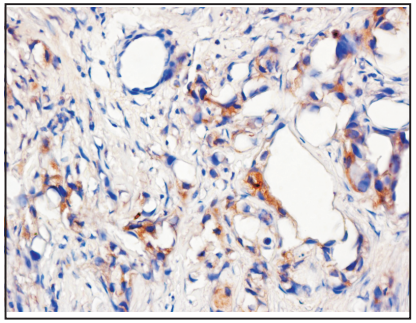
Product Images



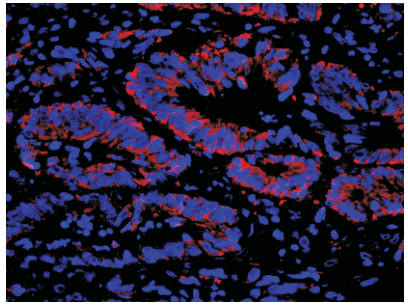
Western blot-Anti-IGFBP3 pAb

Lane 1: Human HepG2 cell lysate
Lane 2: Human Hela cell lysate
Lane 3: Human BGC-823 cell lysate
Lane 4: Human MGC-803 cell lysate
All lanes: Anti-IGFBP3 at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 32kDa
Observed band size: 40 kDa



Immunohistochemistry-Anti-IGFBP3 pAb

Immunohistochemical analysis of paraffin-embedded human breast cancer using anti-IGFBP3 Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-IGFBP3 pAb

Immunofluorescence analysis of paraffin-embedded human rectum cancer using anti-IGFBP3 Rabbit Antibody at 1:500 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

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