

Recombinant IGFBP7 Monoclonal Antibody

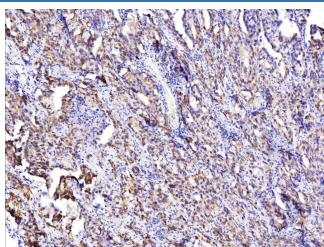
catalog number: **AN300063P**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

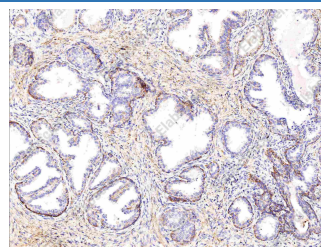
Description	
Reactivity	Human
Immunogen	Recombinant Human IGFBP7 protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C310051
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications	Recommended Dilution
WB:	1:1000-1:5000; IHC-P: 1:100-1:200; ICC/IF: 1:100; FC: 1:50-1:100

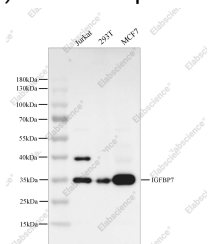
Data



Immunohistochemical analysis of paraffin-embedded Human lung tissue sections using IGFBP7 Antibody (AN300063P) at a dilution of 1:150 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



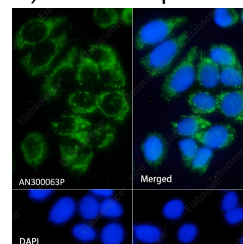
Immunohistochemical analysis of paraffin-embedded Human prostate tissue sections using IGFBP7 Antibody (AN300063P) at a dilution of 1:150 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Western blot analysis of Jurkat, 293T and MCF7 cell lysates using IGFBP7 Antibody (AN300063P) at a dilution of 1:1500.

Observed-MW:29 kDa

Calculated-MW:29 kDa



Immunofluorescence analysis of MCF-7 cells labelling IGFBP7. Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

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Rev. V1.6

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]