



IGFBP7 rabbit pAb

Cat No.:ES5858

For research use only

Overview

Product Name	IGFBP7 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human IBP7. AA range:191-240
Specificity	IGFBP7 Polyclonal Antibody detects endogenous levels of IGFBP7 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Insulin-like growth factor-binding protein 7
Gene Name	IGFBP7
Cellular localization	Secreted.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	3490
Human Swiss-Prot Number	Q16270
Alternative Names	IGFBP7; MAC25; PSF; Insulin-like growth factor-binding protein 7; IBP-7; IGF-binding protein 7; IGFBP-7; IGFBP-rP1; MAC25 protein; PGI2-stimulating factor; Prostacyclin-stimulating factor; Tumor-derived adhesion factor; TAF
Background	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],

Immunohistochemistry analysis of paraffin-embedded human brain tissue, using IBP7 Antibody. The picture on the right is blocked with the synthesized peptide.

