

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

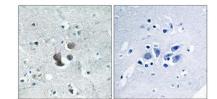
growth factor (IGF)-binding protein (IGFBP) family. IGFBPs bind IGFs with high affinity, and regulate IGF





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.



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