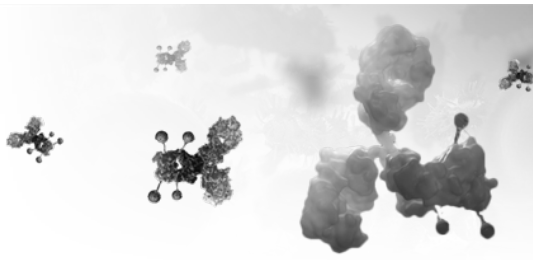

Anti-IGFBP7 polyclonal antibody [Biotin] (CPBT-65633RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit anti Human IGFBP-7 antibody recognizes human IGFBP-7 (insulin-like growth factor binding protein-7), also known as mac25, a 256 amino acid secreted protein and member of a growing family of IGFBPs which regulate the biological activities and distribution of the insulin-like growth factors (IGFs), through binding to IGF-I and IGF-II. IGFBP-7 is widely expressed throughout normal tissues, but is also expressed in many tumour types at an increased or reduced level, and acts as a suppressor of breast and prostate cancer cell lines. IGFBP-7 inhibits IGF-induced differentiation of skeletal muscle (myogenesis) and has implications in bone formation, by its possible affects on the actions of parathyroid hormone (PTH) and cortisol. ELISA This biotinylated human IGFBP-7 antibody may be used in a direct ELISA or as the detection reagent in a sandwich ELISA.
Specificity	IGFBP7
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Biotin
Applications	ELISA; WB
Format	Purified IgG conjugated to Biotin - lyophilised
Size	50 µg
Preservative	None
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid

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repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	IGFBP7 insulin-like growth factor binding protein 7 [Homo sapiens (human)]
Official Symbol	IGFBP7
Synonyms	IGFBP7; insulin-like growth factor binding protein 7; AGM; PSF; TAF; FSTL2; IBP-7; MAC25; IGFBP-7; RAMSVPS; IGFBP-7v; IGFBPRP1; insulin-like growth factor-binding protein 7; IGFBP-rP1; angiomodulin; IGF-binding protein 7; PGI2-stimulating factor; tumor-de
Entrez Gene ID	3490
Protein Refseq	NP_001240764
UniProt ID	Q16270
Chromosome Location	4q12
Pathway	Cellular Senescence; Cellular responses to stress; Senescence and Autophagy; Senescence-Associated Secretory Phenotype (SASP);
Function	insulin-like growth factor binding; protein binding;

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