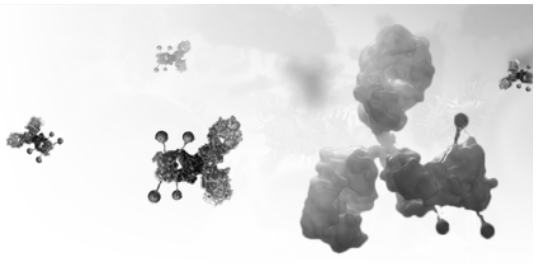

Rabbit Anti-Human IGFBP1 Polyclonal Antibody (CABT-Z179R)

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

PRODUCT INFORMATION

Specificity	Recognises Human, rat and mouse IGFBP-1 (phosphorylated and non-phosphorylated forms). Specificity for other species should be determined. No cross-reactivity against IGFBP-2, 3, 4, 5 or 6.
Immunogen	Derived from UniProtKB/Swiss-Prot sequence ID P08833 human IGFBP-1. The peptide sequence is aa(161-172) (IGFBP-1136147) conjugated to diphtheria toxoid.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Purified from conditioned medium by Protein A affinity chromatography.
Conjugate	Unconjugated
Applications	IA, IB, IHC Recommended concentration: The recommended range for use is 1:250–1:10,000. Each application and titre should be determined in house.
Preparation	This IGFBP1 antibody was prepared by immunising rabbits with a 12 amino acid peptide derived from the central domain of human IGFBP1 linked to diphtheria toxoid.
Reconstitution	Dissolve the vial contents in 200 µl sterile water and then dilute in a buffer suitable for the application.
Format	Lyophilized
Size	200 µg

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Preservative	None
Storage	At least 2 years at 2 - 4 °C (lyophilized). After reconstitution store at -20 °C or -80 °C. Avoid freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors. Promotes cell migration.
Keywords	IGFBP1;insulin-like growth factor binding protein 1;IBP1;insulin-like growth factor-binding protein 1;AFBP;alpha pregnancy associated endometrial globulin

GENE INFORMATION

Gene Name	IGFBP-1
Entrez Gene ID	3484
UniProt ID	P08833

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