



Anti-IGF1 polyclonal antibody (CPBT-65169SH)

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

PRODUCT INFORMATION

Product Overview	Sheep anti Human insulin-like growth factor I antibody recognizes human insulin-like growth factor 1 (IGF-1), a secreted peptide which plays an essential role in the regulation of growth and development.
Specificity	IGF1
Immunogen	Recombinant Human IGF-1
Isotype	IgG
Source/Host	Sheep
Species Reactivity	Human
Conjugate	Unconjugated
Applications	IHC-Fr; RIA
Format	Ig fraction - liquid
Size	1 ml
Preservative	0.09% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid 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 [IGF1 insulin-like growth factor 1 \(somatomedin C\) \[Homo sapiens \(human\) \]](#)

Official Symbol	IGF1
Synonyms	IGF1; insulin-like growth factor 1 (somatomedin C); IGF1; IGF-I; IGF1A; insulin-like growth factor I; MGF; IGF-IA; IGF-IB; somatomedin-C; mechano growth factor; insulin-like growth factor IA; insulin-like growth factor IB;
Entrez Gene ID	3479
Protein Refseq	NP_000609
UniProt ID	P05019
Chromosome Location	12q23.2
Pathway	AMPK signaling pathway; Adipogenesis; Aldosterone-regulated sodium reabsorption; Apoptosis; Cardiac Progenitor Differentiation; Dilated cardiomyopathy; Endochondral Ossification; Focal Adhesion;
Function	growth factor activity; hormone activity; insulin receptor binding; insulin-like growth factor receptor binding; integrin binding; protein binding;