



# Anti-IGFBP3 (internal region) polyclonal antibody (CPBT-54427GC)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Goat Polyclonal antibody to Cow IGFBP3.
<b>Antigen Description</b>	This gene is a member of the insulin-like growth factor binding protein (IGFBP) family and encodes a protein with an IGFBP domain and a thyroglobulin type-I domain. The protein forms a ternary complex with insulin-like growth factor acid-labile subunit (
<b>Specificity</b>	Expressed by most tissues. Present in plasma.
<b>Immunogen</b>	Synthetic peptide: C-RYKVDYESQSTDTQN, from the internal region of human IGFBP3.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Sheep, Human, Pig
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ELISA
<b>Sequence Similarities</b>	Contains 1 IGFBP N-terminal domain.Contains 1 thyroglobulin type-1 domain.
<b>Cellular Localization</b>	Secreted.
<b>Format</b>	Liquid
<b>Size</b>	200 µl
<b>Buffer</b>	Preservative: 0.02% Sodium AzideConstituents: 0.5% BSA, Tris saline, pH 7.3

<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">IGFBP3 insulin-like growth factor binding protein 3 [ Bos taurus ]</a>
<b>Official Symbol</b>	IGFBP3
<b>Synonyms</b>	IGFBP3; insulin-like growth factor binding protein 3; insulin-like growth factor-binding protein 3; Acid stable subunit of the 140 K IGF complex; Binding protein 29; Binding protein 53; BP 53; BP53; Growth hormone dependent binding protein; IBP 3; IBP-3; IBP3; IBP3_HUMAN; IGF binding protein 3; IGF-binding protein 3; IGFBP 3; IGFBP-3; IGFBP3; Insulin Like Growth Factor Binding Protein 3; Insulin-like growth factor-binding protein 3; IBP-3; IGF-binding protein 3; insulin-like growth factor binding protein-3; IGFBP-3;
<b>Entrez Gene ID</b>	<a href="#">282261</a>
<b>Protein Refseq</b>	<a href="#">NP_776981</a>
<b>UniProt ID</b>	<a href="#">I6XXP7</a>
<b>Pathway</b>	Diabetes pathways, organism-specific biosystem; Myometrial Relaxation and Contraction Pathways, organism-specific biosystem; Regulation of Insulin-like Growth Factor (IGF) Activity by Insulin-like Growth Factor Binding Proteins (IGFBPs), organism-specific biosystem; Transcriptional misregulation in cancers, organism-specific biosystem; Transcriptional misregulation in cancers, conserved biosystem; p53 signaling pathway, organism-specific biosystem; p53 signaling pathway, conserved biosystem;
<b>Function</b>	fibronectin binding; insulin-like growth factor binding; protein tyrosine phosphatase activator activity;