



# Goat Anti-Human IGFBP3 polyclonal antibody (DPABY-445U)

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

## PRODUCT INFORMATION

<b>Target</b>	Human IGFBP-3
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant human IGFBP-3 . Gly28-Lys291 Accession Number CAA46087
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen Affinity-purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ELISA(Det), Neut, IHC We recommend the following for sandwich ELISA (Capture - Detection): DCABY-4042 - DPABY-445U
<b>Reconstitution</b>	Reconstitute at 0.2 mg/mL in sterile PBS.
<b>Format</b>	Lyophilized
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.
<b>Ship</b>	Wet ice

# BACKGROUND

**Introduction** Human IGFBP-3 cDNA encodes a 291 amino acid (aa) residue precursor protein with a putative 27 aa residue signal peptide that is processed to generate the 264 aa residue mature protein with three potential N-linked and two potential O-linked glycosylation sites. Human IGFBP-3 is expressed in multiple tissues. The highest expression level is found in the non-paranchymal cells of the liver. Expression levels are also higher during extrauterine life and peak during puberty. Human IGFBP-3 is the major IGF binding protein in plasma where it exists in a ternary complex with IGF-I or IGF-II and the acid-labile subunit (ALS).

**Keywords** IGFBP3; insulin-like growth factor binding protein 3; IBP3; BP-53; insulin-like growth factorbinding protein 3; IBP-3; IGFBP-3; binding protein 29; binding protein 53; IGF-binding protein 3; growth hormone-dependent binding protein

# GENE INFORMATION

**Entrez Gene ID** [3486](#)

**UniProt ID** [B3KPF0](#)