



Goat Anti-Human IGFBP2 polyclonal antibody (DPABY-527U)

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

PRODUCT INFORMATION

Target	Human IGFBP-2
Immunogen	Mouse myeloma cell line NS0-derived recombinant human IGFBP-2 . Glu40-Gln328 Accession Number CAA34373
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Unconjugated
Applications	WB, ELISA(Det), Neut We recommend the following for sandwich ELISA (Capture - Detection): DCABY-4139 - DPABY-527U
Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Format	Lyophilized
Size	100 µg
Preservative	None
Storage	Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.
Ship	Wet ice

BACKGROUND

Introduction

Human IGFBP-2 cDNA encodes a 328 amino acid (aa) residue precursor protein with a putative 39 aa residue signal peptide that is processed to generate the 289 aa residue mature protein. IGFBP-2 contains an integrin receptor recognition sequence (RGD sequence) but lacks potential N-linked glycosylation sites. During development, IGFBP-2 is expressed in a number of tissues. The highest expression level is found in the central nervous system. In adults, high expression levels are also detected in the central nervous system and in a number of reproductive tissues. IGFBP-2 binds preferentially to IGF-II, exhibiting a 2-10 fold higher affinity for IGF-II than for IGF-I.

Keywords

IGFBP2; insulin-like growth factor binding protein 2, 36kDa; IBP2; IGF-BP53; insulin-like growth factor-binding protein 2; IBP-2; IGFBP-2; IGF-binding protein 2;

GENE INFORMATION

Entrez Gene ID

[3485](#)

UniProt ID

[P18065](#)