



# Anti-IGFBP1 (aa 160-259) polyclonal antibody (DPAB-DC1681)

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

## PRODUCT INFORMATION

<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 binds both insulin-like growth factors (IGFs) I and II and circulates in the plasma. Binding of this protein prolongs the half-life of the IGFs and alters their interaction with cell surface receptors.
<b>Immunogen</b>	IGFBP1 (NP_000587, 160 a.a. ~ 259 a.a) partial recombinant protein with GST tag. The sequence is GSKALHVTNIKKWKEPCRIELYRVVESLAKAQETSGEEISKFYLPNCNKNGFYHSRQCET SMDGEAGLCWCVYPWNGKRIPGSPEIRGDPNCQIYFNVQN
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

**Gene Name** [IGFBP1 insulin-like growth factor binding protein 1 \[ Homo sapiens \(human\) \]](#)

<b>Official Symbol</b>	IGFBP1
<b>Synonyms</b>	IGFBP1; insulin-like growth factor binding protein 1; AFBP; IBP1; PP12; IGF-BP25; hIGFBP-1; insulin-like growth factor-binding protein 1; IBP-1; IGFBP-1; binding protein-25; binding protein-26; binding protein-28; placental protein 12; IGF-binding protein 1; amniotic fluid binding protein; growth hormone independent-binding protein; alpha-pregnancy-associated endometrial globulin;
<b>Entrez Gene ID</b>	<a href="#">3484</a>
<b>Protein Refseq</b>	<a href="#">NP_000587</a>
<b>UniProt ID</b>	<a href="#">P08833</a>
<b>Chromosome Location</b>	7p13-p12
<b>Pathway</b>	ATF4 activates genes; FOXA2 and FOXA3 transcription factor networks; Metabolism of proteins; PERK regulates gene expression
<b>Function</b>	insulin-like growth factor binding;