



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

Antigen Description	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.
Immunogen	IGFBP1 (NP_000587, 160 a.a. ~ 259 a.a) partial recombinant protein with GST tag. The sequence is GSKALHVTNIKKWKEPCRIELYRVVESLAKAQETSGEEISKFYLPNCNKNGFYHSRQCET SMDGEAGLCWCVYPWNGKRIPGSPEIRGDPNCQIYFNVQN
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	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)]
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Official Symbol	IGFBP1
Synonyms	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;
Entrez Gene ID	3484
Protein Refseq	NP_000587
UniProt ID	P08833
Chromosome Location	7p13-p12
Pathway	ATF4 activates genes; FOXA2 and FOXA3 transcription factor networks; Metabolism of proteins; PERK regulates gene expression
Function	insulin-like growth factor binding;
