



Anti-eIF4EBP2 (aa 61-120) polyclonal antibody (DPAB-DC838)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the eukaryotic translation initiation factor 4E binding protein family. The gene products of this family bind eIF4E and inhibit translation initiation. However, insulin and other growth factors can release this inhibition via a phosphorylation-dependent disruption of their binding to eIF4E. Regulation of protein production through these gene products have been implicated in cell proliferation, cell differentiation and viral infection.
Immunogen	EIF4EBP2 (NP_004087, 61 a.a. ~ 120 a.a) partial recombinant protein with GST tag. The sequence is DRRNNSPMAQTPPCHLPNIPGVTSPGTLIEDSKVEVNNLNNLNHDKHAGDQAQFEMDI
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	EIF4EBP2 eukaryotic translation initiation factor 4E binding protein 2 [Homo sapiens (human)]
------------------	---

Official Symbol	EIF4EBP2
Synonyms	EIF4EBP2; eukaryotic translation initiation factor 4E binding protein 2; 4EBP2; PHASII; eukaryotic translation initiation factor 4E-binding protein 2; 4E-BP2; eIF4E-binding protein 2; phosphorylated, heat and acid stable regulated by insulin protein II;
Entrez Gene ID	1979
Protein Refseq	NP_004087
UniProt ID	A0A024QZM3
Chromosome Location	10q21-q22
Pathway	Translation Factors.
Function	eukaryotic initiation factor 4E binding; protein binding;
