



Anti-eEF1G (full length) polyclonal antibody (DPAB-DC822)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. This subunit contains an N-terminal glutathione transferase domain, which may be involved in regulating the assembly of multisubunit complexes containing this elongation factor and aminoacyl-tRNA synthetases.
Immunogen	EEF1G (AAH15813.1, 1 a.a. ~ 437 a.a) full-length recombinant protein with GST tag. The sequence is MAAGTLYTYPENWRAFKALIAAQYSGAQVRVLSAPPHFHFGQTNRTPPEFLRKFPAGKVPA FEGDDGFCVFESNAIAYHVSNEELRGSTPEAAAQVVQWVSFADSDIVPPASTWVFPTLGI MHHDQKQATENAKEEVRRILGLLDAYLKTRTFLVGERVTLADITVVCTLLWLYKQVLEPSF RQAFPNTNRWFLTCINQPQFRAVLGEVKLCEKMAQFDAKKFAETQPKKDTPRKEKGSREE KQKPQAERKEEKAAAAPAEPEEEMDECEQALAAEPKAKDPFAHLPKSTFVLDEFKRYKSNE DTLSVALPYFWEHFDKDGWLSLWYSEYRFPEELTQTFMSCNLITGMFQRLDKLRKNAFASV ILFGTNNSSSISGVWVFRGQELAFPLSPDWQVDYESYTWK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), 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	EEF1G eukaryotic translation elongation factor 1 gamma [Homo sapiens (human)]
Official Symbol	EEF1G
Synonyms	EEF1G; eukaryotic translation elongation factor 1 gamma; EF1G; GIG35; elongation factor 1-gamma; PRO1608; EF-1-gamma; eEF-1B gamma; pancreatic tumor-related protein; translation elongation factor eEF-1 gamma chain;
Entrez Gene ID	1937
Protein Refseq	NP_001395
UniProt ID	P26641
Chromosome Location	11q12.3
Pathway	Eukaryotic Translation Elongation; Legionellosis; Metabolism of proteins; Translation Factors.
Function	protein binding; translation elongation factor activity;