

Polyclonal Antibody to EEF1G - Aff - Purified

Alternate names:	EF-1-gamma, EF1G, Elongation factor 1-G, Elongation factor 1-gamma, GIG35, PRO1608, eEF-1B gamma, eukaryotic translation elongation factor 1 gamma
Catalog No.:	AP21172PU-N
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Background:	EF-1 (elongation factor-1) is a multi-protein complex that is responsible for the delivery of aminoacyl-tRNAs to the ribosome. EF-1 γ (elongation factor-1 γ), also known as EEF1G or GIG35, is a 437 amino acid subunit of the EF-1 complex. Expressed in stomach, pancreas, brain, lung, kidney, intestine, liver and spleen, EF-1 γ contains an N-terminal Glutathione transferase domain which is thought to be involved in anchoring the complex to various cellular components. Additionally, EF-1 γ may play a key role in the assembly of multiprotein complexes containing aminoacyl-tRNA synthetases. Increased expression of EF-1 γ is associated with pancreatic cancer, suggesting a possible role for EF-1 γ in the oncogenic transformation process.
Uniprot ID:	P26641
NCBI:	NP_001395
GeneID:	1937
Host:	Rabbit
Format:	State: Liquid purified Ig fraction Purification: Affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE) Buffer System: Phosphate buffered saline (PBS), pH 7.2 Preservatives: 15 mM sodium azide
Applications:	Western blot: 1/500 - 1/1000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Molecular Weight:	~ 52 kDa
Specificity:	This detects endogenous levels of EF-1 γ protein. (region surrounding Leu139)
Species Reactivity:	Tested: Human. Expected from sequence similarity: Mouse and Rat.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

Western blot (WB) analysis of EF-1 γ antibody (Cat.-No.: AP21172PU-N) in extracts from Hela cells.

