



Anti-EIF4G1 Antibody

Alternative Names: P220, EIF4F, EIF4G, EIF4G1, PARK18, EIF-4G1, Eukaryotic Translation Initiation Factor 4 Gamma 1, EIF-4-Gamma 1, Eukaryotic Translation Initiation Factor 4G

Catalogue Number: AB19-10117-50ug

Size: 50 µg

Background Information

Eukaryotic Translation Initiation Factor 4 Gamma 1 (EIF4G1) serves as a scaffold for the assembly of cap-dependent translation components in the formation of the EIF4F complex, which recruits ribosomes to mRNA such that the 5' untranslated region (5' UTR) can be scanned by ribosomes in search of an initiation codon. A domain at the N-terminal of EIF4G1 can also interact with the poly(A)-binding protein, which may mediate the circularisation of mRNA during translation. Mutations in EIF4G1 have been linked to Parkinson's disease, however reports are conflicting

Product Information

Antibody Type:	Polyclonal	Host:	Rabbit
Isotype:	IgG	Species Reactivity:	Human
Immunogen:	A synthetic peptide from human EIF4G1		
Format:	50 µg in 50 µl PBS with 0.03% Proclin300, 50% glycerol, pH7.3.		
Storage Conditions:	Store at -20°C. Avoid freeze / thaw cycles.		
Applications:	WB IHC WB 1:500-2000. IHC 1:25-100.		

Additional Information

Subcellular location:	Cytoplasm, Nucleus	MW:	175 kDa (Intended as a general guide and does not allow for all isoforms and species variations)
Gene ID	1981	Uniprot ID:	Q04637