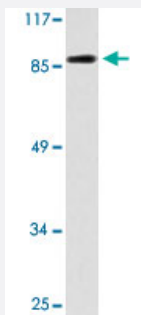


EIF4G2 polyclonal antibody

Catalog # PAB26903 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of A-549 cell lysate with EIF4G2 polyclonal antibody (Cat # PAB26903).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of EIF4G2.
Immunogen	A synthetic peptide corresponding to human EIF4G2.
Host	Rabbit
Theoretical MW (kDa)	90
Reactivity	Human, Mouse
Specificity	EIF4G2 polyclonal antibody detects endogenous levels of EIF4G2 protein.
Form	Liquid
Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of A-549 cell lysate with EIF4G2 polyclonal antibody (Cat # PAB26903).

- Immunohistochemistry

- Immunofluorescence

Gene Info — EIF4G2

Entrez GeneID	1982
Protein Accession#	P78344
Gene Name	EIF4G2
Gene Alias	AAG1, DAP5, FLJ41344, NAT1, p97
Gene Description	eukaryotic translation initiation factor 4 gamma, 2
Omim ID	602325
Gene Ontology	Hyperlink
Gene Summary	Translation initiation is mediated by specific recognition of the cap structure by eukaryotic translation initiation factor 4F (eIF4F), which is a cap binding protein complex that consists of three subunits: eIF4A, eIF4E and eIF4G. The protein encoded by this gene shares similarity with the C-terminal region of eIF4G that contains the binding sites for eIF4A and eIF3; eIF4G, in addition, contains a binding site for eIF4E at the N-terminus. Unlike eIF4G, which supports cap-dependent and independent translation, this gene product functions as a general repressor of translation by forming translationally inactive complexes. In vitro and in vivo studies indicate that translation of this mRNA initiates exclusively at a non-AUG (GUG) codon. Alternatively spliced transcript variants encoding different isoforms of this gene have been described. [provided by RefSeq]
Other Designations	aging-associated protein 1 death-associated protein 5 eIF-4-gamma 2 eukaryotic translation initiation factor 4G-like 1