



EIF4G2 Polyclonal Antibody

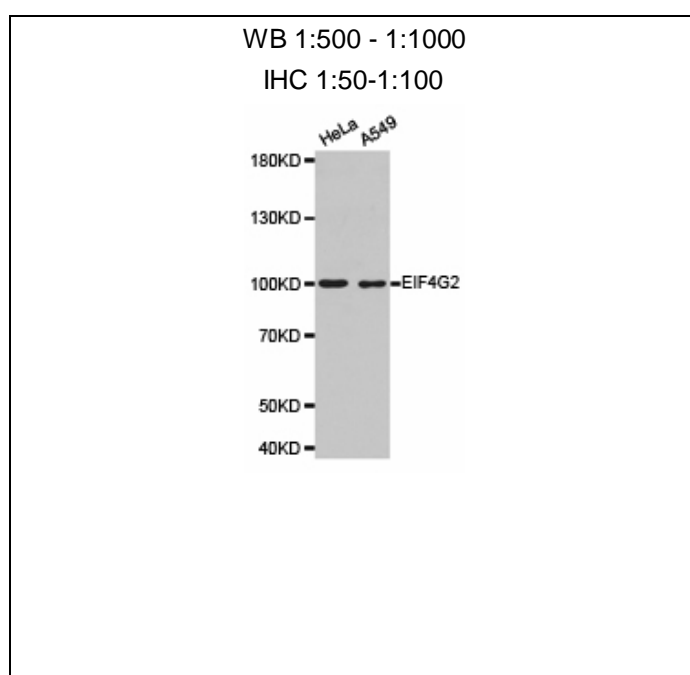
E92897

Catalog Number: E92897**Amount:** 100ul

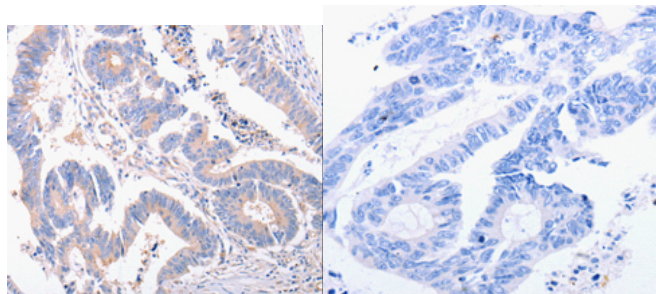
Background: Translation initiation is mediated by specific recognition of the cap structure by eukaryotic translation initiation factor 4F (eIF4F), which is a cap binding protein complex that consists of three subunits: eIF4A, eIF4E and eIF4G. The protein encoded by this gene shares similarity with the 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.

Species: Rabbit**Isotype:** IgG

Storage/Stability: Store at -20°C or -80°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonyms: P97;AAG1;DAP5;NAT1;**Immunogen:** A synthetic peptide of human EIF4G2**Purification:** Affinity purification**Reactivity:** H M R**Applications:** WB IHC**Molecular Weight:** 102kDa**Swiss-Prot No. :** P78344**Gene ID:** 1982**For Research Use Only**

Western blot analysis of extracts of various cell lines, using
EIF4G2 antibody.



Immunohistochemistry of paraffin-embedded human colon
cancer tissue using EIF4G2 antibody.