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# EIF4G1 Polyclonal Antibody

**Cat #:** G-AB-11748

**Host:** Rabbit **Reactivity:** Human

**Isotype:** IgG **Clonality:**

**Overview:**
The protein encoded by this gene is a component of the multi-subunit protein complex EIF4F. This complex facilitates the recruitment of mRNA to the ribosome, which is a rate-limiting step during the initiation phase of protein synthesis. The recognition of the mRNA cap and the ATP-dependent unwinding of 5'-terminal secondary structure is catalyzed by factors in this complex. The subunit encoded by this gene is a large scaffolding protein that contains binding sites for other members of the EIF4F complex. A domain at its N-terminus can also interact with the poly(A)-binding protein, which may mediate the circularization of mRNA during translation. Alternative splicing results in multiple transcript variants, some of which are derived from alternative promoter usage.

**Gene ID:** 1981

**Accession #:**

**Immunogen:** A synthetic peptide of human EIF4G1 (NP_886553.3).

**Conjugation:** Unconjugated

**Swissprot:** Q04637

**Calculated Molecular Weight:**

**Observed Molecular Weight:**

**Concentration:** 1 mg/mL

**Buffer:** PBS with 0.02% sodium azide, 50% glycerol, pH7.3

**Purification Method:** Affinity purification

**Application:** IHC,IF

**Dilution:** IHC 1:50-1:200 IF 1:50-1:200

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.