# eIF4A1 Rabbit mAb

E45R12532N

**Catalog Number:**E45R12532N

**Host Species:**Rabbit

**Isotype:**IgG

**Purification:**Affinity purification

**Species Reactivity:**Human, Mouse, Rat

**Immunogen Description:**A synthesized peptide derived from human eIF4A1

**NCBI Gene ID:**1973

**Storage:**Store at 4°C short term. For long-term storage, aliquot and store at -20°C or below. Stable for 12 months at -20°C. Avoid repeated freeze-thaw cycles.

**Cite ID#:**EN5519778

**Type:**Monoclonal Antibodies

**Positive control:**HeLa, 293T, MCF7, C6

**Swiss-Prot No.:**P60842

**Summary:**ATP-dependent RNA helicase which is a subunit of the eIF4F complex involved in cap recognition and is required for mRNA binding to ribosome. In the current model of translation initiation, eIF4A unwinds RNA secondary structures in the 5'-UTR of mRNAs which is necessary to allow efficient binding of the small ribosomal subunit, and subsequent scanning for the initiator codon.

**Form:**Liquid

**Storage Buffer:**Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

**Dilution:**WB 1:500 - 1:2000 IF 1:50 - 1:200 IP 1:50 - 1:200

**Alternname:**DDX2A; EIF-4A; EIF4A; eIF-4A-I; eIF4A-I

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