

eIF4A1 Rabbit mAb

Catalog # AP75389

Product Information

Application	WB, IP
Primary Accession	P60842
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	46154

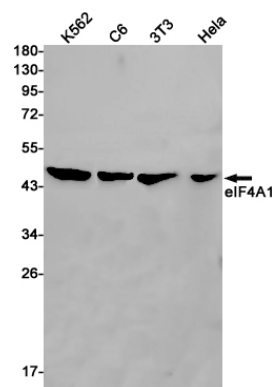
Additional Information

Gene ID	1973
Other Names	EIF4A1
Dilution	WB~~1/500-1/1000 IP~~N/A
Format	Liquid

Protein Information

Name	EIF4A1
Synonyms	DDX2A, EIF4A
Function	ATP-dependent RNA helicase which is a subunit of the eIF4F complex involved in cap recognition and is required for mRNA binding to ribosome (PubMed: 20156963). 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. As a result, promotes cell proliferation and growth (PubMed: 20156963).
Cellular Location	Cytoplasm, perinuclear region. Cell membrane. Cytoplasm, Stress granule. Note=Colocalizes with PKP1 in stress granules following arsenate or hydrogen peroxide treatment

Images



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