

Product datasheet for TA358008

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Eif4a1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Mouse Host: Rabbit

Clonality: Polyclonal

Specificity: Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish

Homology: Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse:

100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity Purified
Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 46kDa

Gene Name: eukaryotic translation initiation factor 4A1

Database Link: NP 659207

Entrez Gene 13681 Mouse

P60843

Background: Eif4a1 is a 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

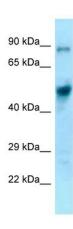
scanning for the initiator codon.

Synonyms: DDX2A; EIF-4A; eIF-4A-I; EIF4A; eIF4A-I





Product images:



WB Suggested Anti-Eif4a1 Antibody Titration: 1.0 ug/ml

Positive Control: Mouse Pancreas