

Datasheet for ABIN7073886
anti-EIF4A1 antibody



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1 Image

Overview

Quantity:	100 µL
Target:	EIF4A1
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein corresponding to Mouse eIF4A1
Cross-Reactivity:	Human, Rat
Purification:	Affinity purification

Target Details

Target:	EIF4A1
Alternative Name:	eIF4A1 (EIF4A1 Products)
Background:	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.
Molecular Weight:	46 kDa

Target Details

Gene ID: 13681

NCBI Accession: [NP_659207](#)

UniProt: [P60843](#)

Application Details

Application Notes: WB (H,M,R) 1: 500-1: 1500

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS, pH 7.4, 0.02 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Images

Western Blotting

Image 1. Western blot analysis of eif4a (ABIN7073886) at dilution of 1: 1000

