

Datasheet for ABIN2789046  
**anti-EIF3K antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	EIF3K
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Dog, Horse, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF3K antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Sequence:	AEMLGDLSDS QLKVWMSKYG WSADESGQIF ICSQEESIKP KNIVEKIDFD
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against EIF3K. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	EIF3K
Alternative Name:	EIF3K ( <a href="#">EIF3K Products</a> )
Background:	The 700-kD eukaryotic translation initiation factor-3 (eIF3) is the largest eIF and contains at

## Target Details

least 12 subunits, including EIF2S12. eIF3 plays an essential role in translation by binding directly to the 40S ribosomal subunit and promoting formation of the 40S preinitiation complex.

Alias Symbols: ARG134, EIF3-p28, EIF3S12, HSPC029, M9, MSTP001, PLAC-24, PLAC24, PRO1474, PTD001

Protein Interaction Partner: EIF3L, UBC, PRUNE2, EIF2A, WNK1, DIMT1, LARP1, GNB2L1, EIF2B2, RPS26, RPS10, PA2G4, YBX1, MAP2, HNRNPB, DYNC1LI2, DYNC1I2, DYNC1H1, DDX1, EIF3C, EIF3D, IGSF8, ICAM1, CD81, MMS19, EIF3B, ITGA4, FN1, METTL18, gag-pol, DDX3X, CCND3, EIF3A, EIF3E, EIF3M, EIF3

Protein Size: 218

Molecular Weight: 24 kDa

Gene ID: 27335

NCBI Accession: [NM\\_013234](#), [NP\\_037366](#)

UniProt: [Q9UBQ5](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

## Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 218 AA

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

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

Preservative: Sodium azide

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

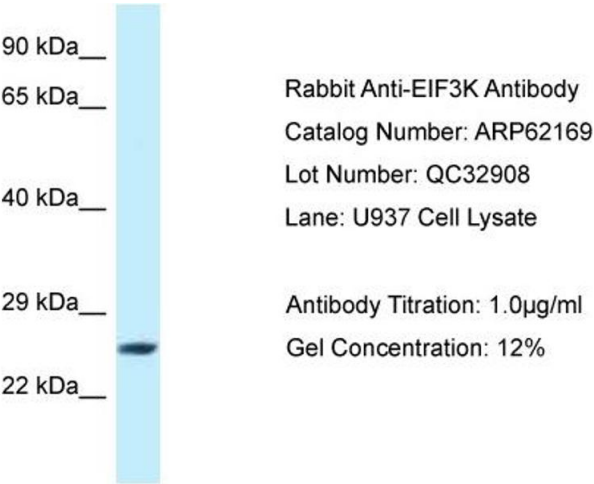
Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Handling

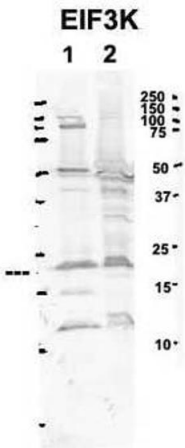
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Rabbit Anti-EIF3K Antibody  
Catalog Number: ARP62169  
Lot Number: QC32908  
Lane: U937 Cell Lysate  
  
Antibody Titration: 1.0µg/ml  
Gel Concentration: 12%

Western Blotting  
Image 1.



See Immunoblot 2 Data for more information.

Western Blotting  
**Image 2. Sample Type:** 1. Human NT-2 cells (60ug)  
2. mouse brain extracts (80ug)  
**Primary Antibody Dilution:** 2ug/ml  
**Secondary Antibody:** IRDye 800CW goat anti-rabbit from Li-COR Bioscience  
**Secondary Antibody Dilution:** 1: 20,000  
**Image Submitted by:** Yuzhi Chen  
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