

Datasheet for ABIN6243196
anti-EEF2K antibody (Ser366)[Go to Product page](#)

1 Image

Overview

Quantity:	200 µL
Target:	EEF2K
Binding Specificity:	AA 337-371, Ser366
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EEF2K antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This EEF2k (Ser366) antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 337-371 amino acids from human EEF2k.
Clone:	RB56632
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	EEF2K
Alternative Name:	EEF2K (EEF2K Products)
Background:	Threonine kinase that regulates protein synthesis by controlling the rate of peptide chain

Target Details

elongation. Upon activation by a variety of upstream kinases including AMPK or TRPM7, phosphorylates the elongation factor EEF2 at a single site, renders it unable to bind ribosomes and thus inactive. In turn, the rate of protein synthesis is reduced.

Molecular Weight: 82144

UniProt: [O00418](#)

Pathways: [AMPK Signaling](#)

Application Details

Application Notes: WB: 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

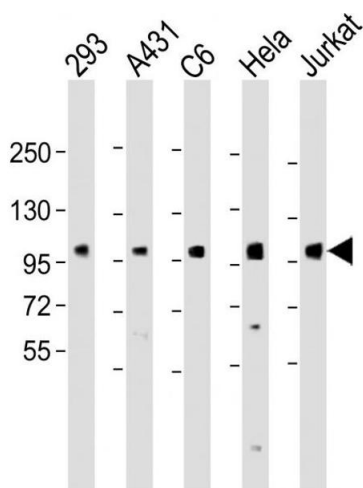
Preservative: Sodium azide

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

Storage: 4 °C,-20 °C

Expiry Date: 6 months

Images



Western Blotting

Image 1. All lanes : Anti-EEF2k Antibody at 1:2000 dilution
Lane 1: 293 whole cell lysate Lane 2: A431 whole cell lysate
Lane 3: C6 whole cell lysate Lane 4: HeLa whole cell lysate
Lane 5: Jurkat whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 82 kDa
Blocking/Dilution buffer: 5 % NFDm/TBST.