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## Datasheet for ABIN6989778 anti-EEF2K antibody

### Overview

Quantity:	100 µL
Target:	EEF2K
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EEF2K antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunofluorescence (Cultured Cells) (IF (cc))

### Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 406-725 of human EEF2K (NP_037434.1).
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified by Protein A.

### Target Details

Target:	EEF2K
Alternative Name:	EEF2K ( <a href="#">EEF2K Products</a> )
Background:	Synonyms: EEF2K,HSU93850,eEF-2K Background: This gene encodes a highly conserved protein kinase in the calmodulin-mediated signaling pathway that links activation of cell surface receptors to cell division. This kinase is

## Target Details

involved in the regulation of protein synthesis. It phosphorylates eukaryotic elongation factor 2 (EEF2) and thus inhibits the EEF2 function. The activity of this kinase is increased in many cancers and may be a valid target for anti-cancer treatment.

Gene ID: 29904

UniProt: [O00418](#)

Pathways: [AMPK Signaling](#)

## Application Details

Application Notes: WB 1:300-5000  
IF(ICC) 1:50-200  
IF()

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months