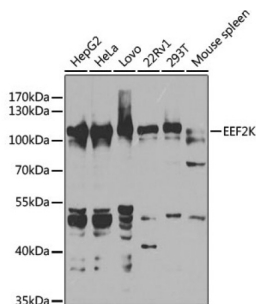
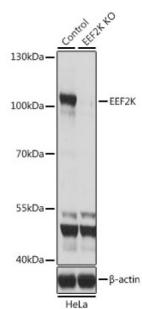


Eukaryotic Elongation Factor 2 Kinase (EEF2K) Antibody

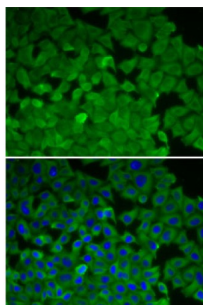
Catalogue No.: abx004139



Western blot analysis of various lysates using [KO Validated] EEF2K Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 40s.



Western blot analysis of lysates from wild type (WT) and EEF2K knockout (KO) HeLa cells, using [KO Validated] EEF2K Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 1s.



Immunofluorescence analysis of A-549 cells using [KO Validated] EEF2K Antibody. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.

EEF2K Antibody is a Rabbit Polyclonal antibody against EEF2K. 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 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.

Target: Eukaryotic Elongation Factor 2 Kinase (EEF2K)

Clonality: Polyclonal

Reactivity: Human, Mouse

Tested Applications: ELISA, WB, IF/ICC

Host: Rabbit

Recommended dilutions: ELISA: 1 µg/ml, WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Datasheet

Version: 4.0.0
Revision date: 18 Oct 2025



Conjugation:	Unconjugated
Immunogen:	Recombinant protein corresponding to EEF2K. The exact sequence is proprietary.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O00418 (UniProt , ExPASy)
Gene Symbol:	EEF2K
GeneID:	29904
NCBI Accession:	NP_037434.1
KEGG:	hsa:29904
String:	9606.ENSP00000263026
Molecular Weight:	Calculated MW: 82 kDa Observed MW: 110 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.