

eEF2K Polyclonal Antibody
Catalog # AP69657**Specification**

eEF2K Polyclonal Antibody - Product Information

Application	WB
Primary Accession	O00418
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal

eEF2K Polyclonal Antibody - Additional Information**Gene ID** 29904**Other Names**EEF2K; Eukaryotic elongation factor 2 kinase; eEF-2 kinase; eEF-2K;
Calcium/calmodulin-dependent eukaryotic elongation factor 2 kinase**Dilution**

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

eEF2K Polyclonal Antibody - Protein Information**Name** EEF2K**Function**

Threonine kinase that regulates protein synthesis by controlling the rate of peptide chain 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.

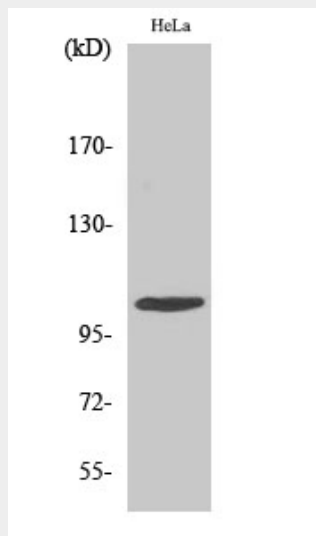
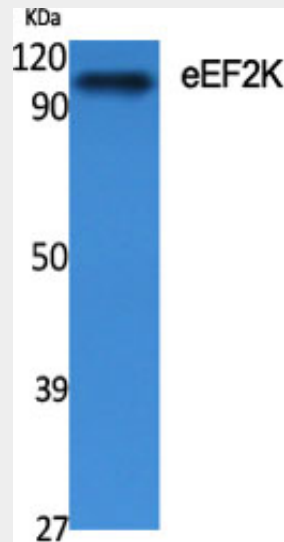
eEF2K Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

eEF2K Polyclonal Antibody - Images



eEF2K Polyclonal Antibody - Background

Threonine kinase that regulates protein synthesis by controlling the rate of peptide chain 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.