

Product datasheet for **TA332670**

EEF2K Rabbit Polyclonal Antibody

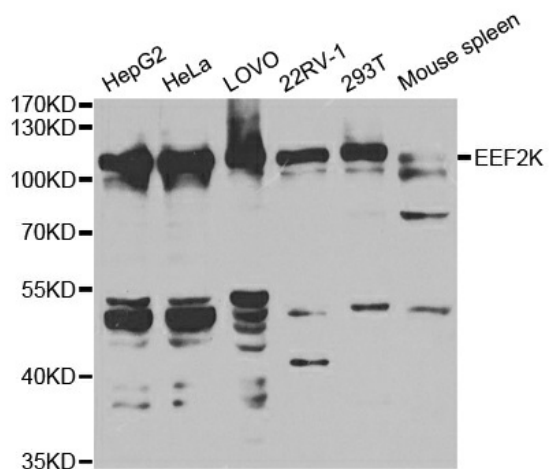
Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	WB 1:500 - 1:2000;IF 1:50- 1:200
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human EEF2K
Formulation:	Store at -20°C (regular) and -80°C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	725
Gene Name:	eukaryotic elongation factor 2 kinase
Database Link:	NP_037434 Entrez Gene 13631 Mouse Entrez Gene 29904 Human O00418
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 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.
Synonyms:	eEF-2K; HSU93850
Protein Families:	Druggable Genome, Protein Kinase

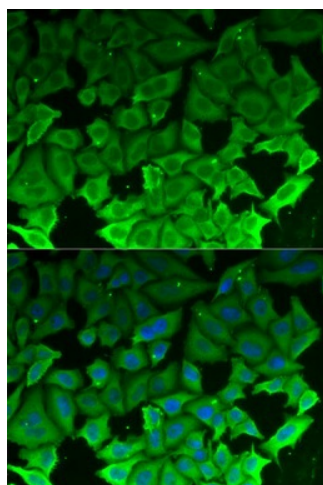


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Product images:



Western blot analysis of extracts of various cell lines, using EEF2K antibody.



Immunofluorescence analysis of MCF-7 cell using EEF2K antibody. Blue: DAPI for nuclear staining.